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Larson, T.

1947 - 1948

South Africa

See correspondence

WZL 1982

Tom Larson

Mammal Check List

TL-1. Cricetomys gambianus "victor", (Giant Rat)
TL-2. Steatomys pratensis, (Fat Mouse)
TL-3. Steatomys pretonyx, (" ")
4. Mastomys natalensis,
5. Myotomys unisulcatus broomi
6. Rattus r. alexandrinus
TL-7. Amblysomus hottentottus, (Golden Mole)
8. Graphiurus Ocularis elegans, (Greater Cape Dormouse)
+ 9. Desmodillus auricularis, (Short-eared Gerbil)
+ 10. Lemniscomys griselda, (Single-striped rat)
11. Elephantulus fraponsis, (Elephant shrew)
+ 12. Dendromus mesomelas, (Chestnut tree mouse)
TL-13. Elephantulus rupestris, (Elephant shrew)
TL-14. Petromys typicus, (Dassie rat)
TL-15. Chlorotalpa duthiae, (Cape Town Golden Mole)
+ 16. Mastomys concha, (Multimammate rat)
TL-17. Eremitalpa granti, (Grant's Golden Mole)
18. Mus Colonus,
19. Micalamys granti,
TL-20. Macroscelides proboscideus melanotis, (Black-eared Elephant shrew)
21. Nycteris damarensis, (Slit-faced Bat)
22. Eptesicus capensis, (Cape Serotine Bat)
23. Rhinolophus capensis, (Cape-horseshoe bat)
24. Eponophorus wahlbergi,
25. Petrodromus tetradactylus (venustus) (Giant Elephant shrew)
TL-26. Pelomys fallax (rhodesiae), (Greek rat)
TL-27. Paraxerus capapi, (Grey footed squirrel)
28. Funisciurus congicus, (South Western striped squirrel)
+ 29. Liotomys littledaler, (Littledale's Bush Otomys)
+ 30. Nasilio b. brachyurus, (Short snouted Elephant shrew)
31. Dasymys nudipes (Angola Water rat)
+ 32. Elephantulus capensis, (Cape Elephant shrew)

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TL- 33. Bathyergus janetta, (Namaqualand sand mole)
34. Cryptomys lugardi, (N. Rhodesia molerat)
+ 35. Geosciurus inauris, (Damara ground squirrel)
36. Crocidura flavescens,
37. Tatera lobengulae, (Lobengula's gerbil)
+ 38. Bathyergus suillus, (Sand mole)
TL- 39. Georychus capensis "Canescens", (Bles mole)
40. Tatera afra, (Gerbil ?)
TL- 41. Acomys selousi, (Selous' spiny mouse)
TL- 42. Leggada minutoides, (Dwarf mouse)
TL- 43 Myonax cauui, (Slender Mongoose)
TL- 44 Suricata suricata (Slender tailed Mierkat)
TL- 45 Galago senegalensis (Small Night Ape)
TL- 46 Paraxerus c. sindi (Grey footed squirrel)
TL- 47 Claviglis murinus (Cape Dor- mouse)
TL- 48 Saccostomus campestris (Pouched mouse)
TL- 49 Grammomys dolichurus (Long- tailed mouse)
50 Cynictis penicillata (Bushy Tailed Mierkat)
+ 51 Myonax pulverulentis (Small grey Mungoose)
52 Bdeogale crassicauda (Nyasaland Mungoose)
53 Paracynictis selousii (Selous Mierkat)
+ 54 Ictonyx striatus (striped Muishond)
55 Ichneumia albicauda (White- Tailed Mungoose)
TL 56 Aethomys namaquensis (Rock Mouse
57 Aethomys n. klouensis
+ 58 Aethomys n. monticularis
+ 59 Aethomys chrysophilis (subsp.)
+ 60 Aethomys n. grahami
TL 61 Aethomys walambiæ
62 Aethomys chrysoph. imago
63 Aethomys n. Colarjus
64 Aethomys n lehocla

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65. Aethomys n. centralis
66. Aethomys n. Siccatus
67. Aethomys n. drakensbergi
68. Praomys n. siccatus
69. Rattus (Praomys) nomaquensis.
70. Aethomys (3)(B) (Nyasaland)
71. Aethomys (3)(F) "
72. Lepus saxatilis "Chiversi"
73 Lepus saxatilis "ngamiensis"
+ 74 Lepus saxatilis (Mountain Hare)
+ 75 Lepus capensis centralis (Cape Hare)
76 Pronolagus crassicaudatus sandersiae (Red Rock Hare)
77 Pronolagus ruddi Heriegal
78 Bunolagus monticularis (River Hare)
79 Lepus Capensis mandatus
80 Lepus saxatilis gurantu
81 Lepus saxatilis (sub species) (subrufus)
82 Lepus Capensis "Vernayi"
83 Lepus Capensis "ermeloensis"
84 Otomys irroratus
85 Otomys irroratus maximus
86 Otomys irroratus (Melanus)
87 Civetticus civetticus (Civet Cat)
88 Lutra maculicollis Chobiensis (Spotted necked otter)
+ 89 Atilax paludinosus (Black Water Mungoose)
90 Clauiglis (sp?)
91 Myotomys unisulcatus (Bush Otomys)
+ 92 Myotomys " bergensis
+ 93 Grammomys surdaster
94 Grammomys (H)
95. Grammomys (B)
96. Praomys tullbergi delectorum

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97 Glouglis (sp.?)
98 Gliriscus rupicola australis
99 Nasilio brachyurus schinzi
100 Nasilio b. shortridgei
101 Elephantulus intufi (Pale elephant shrew)
102 Vulpes chama - (African Silver Fox)
+ 103 Otocyon megalotis (Delalande's Fox)
+ 104 Genetta felina (Small-spotted Genet)
105 Genetta albiventris (Rusty spotted Genet)
+ 106 Genetta tigrina (Large-spotted Genet)
107 Genetta (sp.?)
108 Genetta (sp?)
109 Crocidura occidentalis herero
110 Crocidura (X?)
111 Crocidura deserti (schw.) - Desert Shrew.
112 Crocidura (near deserti)
+ 113 Crocidura shortridgi?
114 Crocidura hirta (Peters Shrew)
- 115 Crocidura hirta flavidula
116 Crocidura cyanea
117 Crocidura (c) - Nyasaland
118 Crocidura (a) - "
119 Crocidura bicolor (Bicolored shrew)
120 Crocidura russula
121 Crocidura (D)
+ 122 Crocidura martensii
123 Crocidura ~~(D)~~ pondoensis
124 Myosorex varius
125 Myosorex varius cafer
126 Suncus orangiae
127 Suncus warseni
128 Suncus lixus

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129 Suncus gratulus
130 Crocidura bicolor woomami
131 Thryonomys swinderianus angolae (Angola Cane Rat)
132 Thrynonomys swinderianus variegatus (Canerat)
133 Hystrix africae australis (Porcupine)
134 Petrodromus venustus occidentalis
135 Rhynchocyon macrurus (Spotted Tonde)
136 Rhynchocyon "Cirnei",
137 Potamogale velox (West Africa)
138 Aethechinus f. frontalis
139 Aethechinus frontalis angolae
140 Anomalurus ? (flying squirrel)
141 Procavia Capensis - (Rock Dassie)
142 Procavia johnstoni johnstoni
143 Dendrohyrax arborens, (Tree Dassie).
144 Heterohyrax syriacus manninge (Nyasaland).
145 Heterohyrax welwitschii (Ovamboland)
146 Amblysomus hottentottus longiceps (Golden mole)
147 Chlorotalpa shortridgei Br. (Golden mole)
148 Eremitalpa granti conus (Golden mole)
149 Chrysospalax trevelyani, (Giant Golden Mole)
150 Chrysochloris asiatica
151 Chrysochloris minor
152 Chrysochloris namaquensis
153 Chrysochloris Concolor
154 chrysochloris visagei Br.
155 Cryptochloris wintoni
156 Cryptochloris zyli
157 Pronolagus randensis
158 Pronolagus Crassicaudatus
159 Pronolagus crassicoudatus melanurus

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160 Pronolagus crassicoudatus 'nyikae'
161 Pronolagus Crassicoudatus curryi
162 Erinaceus frontalis (hedge hog)
163 Georychus capensis - (Blesmole)
164 Cryptomys damarensis bugordi
165 Cryptomys ? (Barotseland, N. Rhodesia)
166 Cryptomys Cradockensis (Molerat)
167 Cryptomys "hottentotus talpoides"?
168 Pedetes cafer (Springhare)
169 Tatera lobengulae (lobengula's gerbil)
170 Tatera lobengulae bechuanae
171 Tatera lobengulae ndolae
172 Tatera lobengulae "salsa"
172 Tatera lobengulae pretoriae?
173 Tatera lobengulae pestis
174 Tatera lobengulae griguae
175 Tatera "miliria"
176 Tatera brantsi namaquensis
177 Tatera joanae
178 Tatera ? (Lake Nyasa)
179 Tatera lisdon
180 Taterona perpallida
181 Taterona schinzi
182 Tatera afra
183 Tatera brantsii
184 Tatera benuenuta
185 Tatera ruddi
186 Cryptomys hottentotus occlusus
187 Cryptomys "Urybergensis"
188 Cryptomys hottentotus
189 Proteles cristatus

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190 Mastomys Concha marikquensis
191 Mastomys Concha bradfield
192 Mastomys ? (S.W. Afr.)
193 Myomys Colonus
194 Myomys Colonus Coucho
195 Rattus r. frugivorus
196 Rattus r. rattus
197 Rattus rattus
198 Rattus norvegicus
199 Mastomys c. microdon
200 Malacothrix typicus (mouse gerbil)
201 Malacothrix t. egeria (" ")
202 Dendromus mesomelas major
203 Dendromus m. pumilio
204 Dendromus jamesoni
205 Dendromus ? (N. Rho.)
206 Poemys m. pretoriae
207 Poemys melanotis insignis
208 Poemys melanotis melanotis
209 Poemys m. Capensis
210 Poemys nigrifrons shortridgei
211 Poemys ?
212 Petromyscus barbouri (Pigmy Rock Mouse)
213 Petromyscus Collinus (Damara " " ")
214 Petromyscus shortridgei (Kaokoveld " " ")
215 Petromyscus Collinus Capensis
216 Petromyscus Collinus brachys
217 Steatomys Krebsi
218 Steatomys pratensis maurensis
219 steatomys swalius
220 steatomys swalius umtratus
221 Steatomys (A) and (B) N. Rho.

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221 Saccostomus andersoni
223 Saccostomus andersoni "pagei"
224 Saccostomus hildae
225 Petromys cunialis
226 Gerbillus paeba broomi
227 Gerbillus paeba
228 Gerbillus calidus
229 Gerbillus swalius
230 Gerbillus swalius leuconthus
231 Gerbillus swalius oralis
232 Gerbillus vallinus
233 Desmodillus auricularis pudicus
234 Tatera gerbilliscus
235 Hyaena brunnea (Brown hyaena)
236 Crocuta crocuta (spotted hyaena)
237 Poecilogale albinucha (African striped weasel)
238 Epomorphorus angolensis
239 Epomophorus crypturus
240 Scotophilus nigrita dongonu
241 Scotophilus viridis damorensis
242 Rhinolophus denti periensis
243 Rhinolophus augun?
244 Rhinolophus geoffroyi
245 Eptesicus pallidior
246 Eptesicus angusticeps
247 Eptesicus pusillus
248 Eptesicus c. nkatiensis
249 Eptesicus c. damorensis
250 Eptesicops ?
251 Eptesicops rusticus
252 Scotophilus nigrita herero

253 Scotophilus nigrita (Planirostris)
254 Nycteris capensis
255 Miniopterus desythrux
256 Miniopterus n. smitianus
257 Miniopterus ? (Nyasoland)
258 Chaerophon (B) ? (N. Rho.)
259 Chaerophon (A) ? (N. Rho.)
260 Hipposideros caffer caffer
261 Hipposideros caffer (ruber)
262 Mops chitaensis
263 Mops angolensis
264 Eidolon helvum
265 Rousettus leachii
266 Otomops ?
267 Nyctinomus ?
268 Taphozous ?
269 Scotienus schlieffin austrilis
270 Mimetillus ?
271 Myotis tricolor
272 Kerivoula argentata
273 Pipistrellus ruppelli vernayi
274 Scotoecus ?
275 Platymops haagneri
276 Cistugo seabrae
277 Kerivoula langsa
278 Rhabdomys pumilio (Striped rat)
279 Rhabdomys " gigaue
280 Rhabdomys " moshesh
281 Rhabdomys " nyasae
282 Rhabdomys " bechuanae
283 Rhabdomys angolea
284 Rhabdomys pumilio cinereus

285 Rhabdomys p. intermedius
286 Rhabdomys p. ~~d~~ chakae
287 Pelomys fallax
288 Pelomys-f. insignitus
289 Leggada minutoides
290 Leggada deserti
291 Leggada deserti walschensis
292 Leggada bella induta
293 Leggada ? (Barotseland)
294 Leggada m. umbrata
295 Leggada bella marica
296 Leggada ? (Nyasaland)
297 Leggada ? (Nyasaland)
298 Myotis ? (W. Lake Nyasa)
299 Platymops haegneri umbratus
~~300~~ ~~Pipistrellus ruppellii vermyi~~
300 pipistrellus nanus australis
301 Acomys subspinosus
302 Acomys witherbyi
303 Lemniscomys griselda spinalis
304 Lemniscomys g. subulata
305 Lemniscomys striatus
306 Mystromys albicaudatus
307 Myomys verroxii
308 Myomys shortridgei
309 Myomys colonus
310 Mus musculus (house mouse)
311 Thallomys shortridgei
312 Thallomys nigricauda
313 Thallomys (Nigricauda) Qeuconoc
314 Thallomys nigricauda Kalahoricus
315 Thallomys domorensis

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316 Thallomys hevero
317 Thallomys moggi
318 Thallomys paedulcus
319 Ochromys woosnami (Kalahari Desert Rat)
320 Lophuromys aquilus
321 Lophuromys ?
322 Beamys major
323 Parotomys brantsii
324 Parotomys brantsii luteolus
325 Parotomys brantsii pallidus
326 Myotomys sloggetti
327 Myotomys unisulcatus granti
328 Otomys robertoi
329 Otomys tropicalis elgonis
330 Otomys saundersiae karoensis
331 Otomys trigelensis pretoriae
332 Lophiomys ibeanus
333 Myonax nigratus (Black flanked mungoose)
334 Myonax cauui swinormayi
335 Herpestes cafer (Large grey mungoose)
336 Herpestes ratlamuchi (Ruddy Mungoose)
337 Mungos mungo grisonax (Banded Mungoose)
338 Helogale parvula nero (Black Pigmy Mungoose)
340 Helogale ivori
341 Rhynchogale melleri (Meller's Mungoose)
342 Cynictis penicillata bradfieldi)
343 Herpestes cauui swalius
344 Panthera (Leo) Leo (lion)
345 Panthera pardus (leopard)
346 Acinonyx jubata (cheeta)
347 Leptailurus serval (serval)

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348. Caracal Caracal coloniae (Carcal)
349. Felis ocreata caffra (Grey wild cat)
350. Microfelis nigripes Thomasi (Blackfooted Cat)
351. Crocuta crocuta Capensis (Cape spotted hyaena)
352. Canis mesomelas (Black-Backed Jackal)
353 Canis adustus (Side striped Jackal)
354 Lycaon pictus (wild dog)
355 ~~A~~ Mellivora Capensis (Ratel)
356 Arctocephalus pusillus (Cape sea lion)
357 Aonyx Capensis (Cape clawless Otter)
358 Pan niger (Chimpanse)
359 Cercopithecus labiatus (Somango monkey)
360 Cercopithecus aethiops Pygerythrus (Vervet monkey)
361 Papio Comatus (Chacma baboon)
362 Papio ~~griseipes~~ Comatus (Chobiensis) (Rhodesia baboon)
363 Otelemur Crassicaudatus (Thick Tailed night ape) Crassicaudatus Large Grey
364 Galago moholi (Moholi Night Ape)
365 Geosciurus Capensis (S.A. Ground Squirrel)
366 Orycteropus afer (Aard Vark)
367 Smutsia temminckI (Pangolin)
368 Hippotigris quagga transvaalensis (Burchell's Zebra)
369 Hippotigris quagga bochmi (Kilimanjaro Bonte Kwagga)
370 Hippotigris Zebra (Mountain zebra)
371 Loxodonta africana Capensis (African elephant)
372 Loxodonta africana Zukowskyi (Kaokoveld Elephant)
373 Diceros bicornis niger (Kaoko Pigmy Rhinoceros)
374 Giraffa Camelopardalis angolensis (Angola giraffe)
375 Hippopotamus amphibius constrictus (Angola hippo)
376 Hippopotamus amphibius australis (Southern hippo)
377 Loxodonta africana Knochenhaueri (African Elephant)
378 Corototherium simum (White Rhinoceros)
379 Diceros bicornis bicornis (Black Rhino)

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~~380~~ ~~Aretocephalus~~
380 Hippotragus niger (Sable antelope)
381 Hippotragus equinus (Roan antelope)
382 Gorgon taurinus (Blue Wildebeest)
383 Gorgon albojubatus (White bearded Gnu)
384 Connochaetes gnou (Black Wildebeest)
385 Taurotragus Oryx (Eland)
386 Oryx gazella (Gemsbuck)
387 Strepciseros strepciseros (Kudu)
388 Damaliscus dorcus (Bonte bok)
389 Damaliscus albifrons (Blesbok)
390 Sigmoceros lichtensteini (Lichtensteins hartibeest)
391 Alcelaphus jacksoni (Jacksons hartebeest)
392 Damaliscus lunatus (Tsessebe)
393 Damaliscus junela (Topi)
394 Aepyceros petersi (Angola Impala)
395 Alcelaphus cokei (Cokes Hartebeest)
396 Aepyceros melampus (Impala)
— 397 Syncerus (African buffalo)
398 Kobus defassa (Sing sing)
399 Kobus ellipsiprymnus (Waterbuck)
400 Adenota vardoni (Puku)
401 Onotragus lechæ (Lechwe)
402 Nyala angasi (Nyala)
403 Alcelaphus Caama selbornei (Cape Hartebeest)
404 Limnotragus selousi (Sitatunga)
405 Tragelaphus sylvaticus (Bush buck)
406 Antidorcas marsupialis (Springbuck)
407 Oreotragus oreotragus (Klipspringer)
408 Philantomba monticola (Blue Duiker)
409 Redunca arundinum (Reedbuck)
410 Ourebia Cottoni (Cotton's Oribi)

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411 Ourebia ourebi (Oribi)
412 Raphiceros campestris (Steenbuck)
413 Pelea Capreolus (Vaal Rhebok)
414 Redunca fulvorufula (Mountain Reedbuck)
415 Gazella thomsoni (Thomson's Gazelle)
416 Nototragus sharpei (Sharpes Grysbok)
417 Sylvicapra grimmia (Duiker)
418 Nototragus melanotis (Grysbuck)
419 Rhynchotragus damarensis (Damara Dik Dik)
420 Mesotragus livingstonianus (Livingstone antelope)
421 Cephalophus natalensis (Natal Red Duiker)
422 Otolemur Crassicaudatus "monteni" (Lemur)
423 Cercopithecus aethiops whytei (Nyasaland Vervet Monkey)
424 Cercopithecus aethiops helvescens, (Kaokaveld Vervet monkey)
425 Cercopithecus mitis molonayi (Nyasaland semango monkey)
426 Acinonyx jubatus (rex) (King Cheeta)

Tom Larson

Grey Vervet Monkey

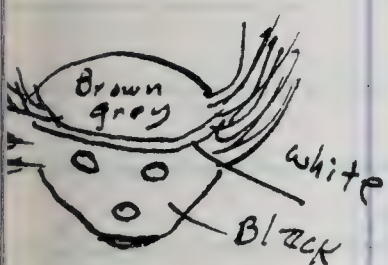
Genus Species - Cercopithecus aethiops pygerythrus
Family - Callithricidae
Superfamily - Ceboidea
Suborder - ANTHROPOIDEA
Order - PRIMATES

KM - 13493 ♂, 16 May 1948, Hei Road, C.P. willis, 640, 600, 140, 44

Desc - face black, a whitish band across fore-head around to throat, below ~~face~~ armored legs and ventral body, above on top of head back, grey speckled with white and black, tail as long as body and black tipped, pads black, 5 fingers with nails (black) feet black with 5 toes with nails, reddish under tail.

Cercopithecus aethiops whytei

KM - 11553 ♂, 27 June 1946, Zibalwa ft. of Mlanje Mt. ~~Mt.~~ Nyasaland, 2500-3000' G.C. Shortridge, 570, 700, 146, 43.



Larger than Cape Vervet monkey, face black but back and head a grey brown speckled appearance, reddish under tail legs arms, ears black.

Cercopithecus aethiops "helvescens"

(Lookaveld vervet)

KM - 10689 ♀, 2 Sept. 1927, Ehomba, N. Hookaveld, S.W. Afr. 800 m Shortridge, 480, 545, 115, 32.

Desc above a yellowish brown streaked with black below pale whitish grey, arms light grey and legs same, tail faintly black tipped.

Collected

(Cercopithecus mitis molonagi)

(Nyasaland) Samango Monkey

KM - 11547 ♂, 12 Aug. 1946, Koto-Koto, W. Lake Nyasa, 1500', Shortridge, 530, 790, 135, 39.

Desc - Arms, legs, and last half of tail black, from shoulders to tail a rusty orange brown color in a broad band, sides of back and sides, a dark speckled grey, head above and on neck a black grey tinged with rust, face black ears tufted with crimson hairs, hair around arms rusty red, below whitish grey, cheeks and forehead light grey.

Cercopithecus mites lobiatus

KM-14911 ♀, 16 Oct. 1949, Frankfort, C.P. Dorion, 460, 600, 125, 38

Desc - head above a black grey, back dark grey, shoulders black grey, hands forearms and hindfeet black, below whitish grey, tail black tipped, black stripe running down tail on top, ears white tipped, cheeks a medium grey, guard hairs banded with black and white, under hair above light grey.

Tom Larson

Collected
Nov. 3, 1950
Serongo, Ngamiland

Rhodesia Baboon

Genus species - Papio ~~griseipes~~ Comatus "chobiensis"

Subfamily - Cercopithecinae

Family - Cercopithecidae

Superfamily - Cercopithecoidea

Suborder - ANTHROPOIDEA

Order - PRIMATES

KM - 10764 ♀, 1 June 1938, Kazungula, E. Caprivi, 3030', S. bank of Zambesi, N. Bechuanaland, 700, 625, 195, 50.

Desc - Above a streaky blackish, brownish, rusty yellow all blended together, below more grey, face black, nails black, pads black, tail 2/3 length of body, bare spot behind tail, hair on legs above yellow brown.

Own Notes

Got this species at Seronga, Ngamiland, Bechuanaland. Seronga is a Bayeyi and Mambukushu native village on one of the swamp islands of the Okavango River Delta. This country is intersected with lagoons, branches of the river, swamps, grassy meadows, and occasional rises of land. Any land that rises above the marshes is entirely of sand. The meadows are thickly overgrown with grasses and reeds the slightly higher lands are covered with

thorn bush and small trees like Mopane and Cpeckly tree. The natives say these baboons are fairly numerous here.

NOV. 9, 1950

Today I saw over 50 of these baboons crossing a large grassy meadow. Many disappeared into the bush, while a few lingered behind. I found one had been injured by a native hunter & I were trying to help this one. This is the largest troop of baboons I have ever seen. I measured them out found it difficult to get a shot as the bush was dense and they were on the move. Finally shot a young one who was watching me from a tree. As they travel these baboons make quite noise, barking, squeaking, and crashing through the bush.

Tom Larson

Corrected

Chacma Baboon

Genus species - papio comatus
Subfamily - Cercopithecinae
Family - Cercopithecidae
Superfamily - Cercopithecoidea
Suborder - ANTHROPOIDEA
Order - PRIMATES

Own Notes

I have collected Chacma Baboon at Finkenstein Farm, near Windhoek S.W. Africa, Graf Reinet, Karoo, Ladysmith, Zeerust, Krugersdorp in the Transvaal, Letlhakeng, Mamusa, and Molepolole, Bechuanaland.

They are found almost any place where they can take shelter in rocky outcrops, and mountains. I have seen them in many places in South Africa. However, most of my observations were made in South West Africa where they may be seen in the hundreds, where they have so much natural cover and protection.

They usually sleep in some krantz or rocky shelter or cave in the mountains. In the dry season they make daily visits to waterholes. In the rainy season, they do not come to waterholes daily when they can get water in the veld.

They are difficult to hunt because their telescopic eyesight make them

hard to track. The troop has a sentinel who stands on the alert while the others are searching for food or resting.

When pursued they let out throaty grunts and roars. A full grown male makes a loud barking sound. They jump and bound along over the rocks with amazing speed. It is difficult to shoot one while they move there as they do not run in a straight line but bound up and down and to both sides in a bobbing motion.

The leader of the troop barks orders to the others. If any member is in trouble, the old leader will come to his assistance. Usually all the elders of a troop will come to the assistance of any member in trouble.

They love to sit on ledges to sun themselves. I've watched a whole troop on a ledge watch me swimming. They were very human like in some of their actions. Young ones scampered and played about. Some sat with their arms about each other.

Their food, examined from dung, is mainly composed of insects, Hyrax, berries and vegetable matter. They have certain places where they collect and deposit their dung. They favor caves, ledges, and cliffs overlooking streams or waterholes.

Tom Larson

Collected

Moholi Lemur

Genus Species - Galago senegalensis

Subfamily - Galaginae

Family - Lorisidae

Infraorder - LORISIFORMES

Suborder - PROSIMII

Order - PRIMATES

Example Specimen - 1975 ♀ Tom Larson, Jan 3, 1979, 5 mi. N. Luanshya, N. Rhodesia, 356-212-62

Description

Head - ears large and leaflike - long and ovate, rather transparent and greyish in color, fine short hairs on ear, grey soft hairs at base of ear. Eyes very large with dark grey ring around them. Whitish grey patch between eyes. Nose dark brown. Hair on head dark grey - very soft and short about ¼ to ½" long. Chin whitish grey hairs.

Body - soft dark grey hair. Dark slate grey bases. Belly a more whitish grey. Hair sparce along dorsal posterior sides.

Fore feet - 5 finger like digits with short nails, palms light brown and bare. Fine short grey hair on hands and fingers.

Hind feet - Legs twice as long as front legs. 5 toes on foot, thumb long and opposite fingers, with a large nail. First finger with a very long nail, nails of other toes shorter than and not extending over toe. Palms light brown and bare. Fur above light grey.

Tail - Longer than than body, dark grey hairs

about ½" or less long.

Personal Notes

I've observed them night after in Northern Rhodesia, at Ludwebya, in the Tsetsefly area of the Northern Transvaal on Beaumaldorf and Swanfaland."

They are nocturnal animals so most of my observations have been by flashlight. They lie up all day in hollows of trees and come out at night to feed on wild fruit.

They make a sound which easily gives them away. Also their large eyes show up well in a light. Night apes are delicate creatures. Yet are agile and able to jump tremendous distances from tree to tree.

Even captured lemurs are been able to make other observations. They will eat any fruit, vegetables, and meat. Full grown lemurs are fierce when handled, and can inflict bites with their sharp teeth. They could jump straight up into the air. If locked up at night, lemurs make a lot of noise and are very active. During the day they are sleepy and listless and prefer to sleep.

Tom Larson — Collected

Large Grey Night Ape

Genus species - Otolemur crassicaudatus (Crassicaudatus)

Subfamily - Galaginae

Family - Lorisidae

Infra order - LORISIFORMES

Suborder - PROSIMII

ORDER - PRIMATES

KM - 11556 ♂, 29 June 1946, Likobula, Ft. of Mlanje Mt., Nyasaland, 2500-3000', Shortridge, 320-480-103-60

Desc - light grey above, head and middle of back brownish grey, feet above brownish grey, fingers brown, pale brown forefoot with a thumbnail & fingers all with nails, hindfoot one large thumb-like digit and 4 fingers with nails, lighter grey below, tail longer than body, with soft fluffy light grey hair, hair on legs lighter than on back.

Otolemur Crassicaudatus "monteni"

KM - 10186 ♀, 13 Sept. 1938, Balovale, Barotseland, 3330', N. Rho., 340, 453, 93, 63

Desc - a darker grey above than O. C. C., above and below, tail tip lighter than rest of body hair.

Moholi Night Ape

Genus species - Galago moholi

Larson

Spotted Tondo

Rhynchocyon macrurus

Genus species - Rhynchocyon macrurus

Family - Macroscelididae

Superfam - Macroscelidoidea

Order - INSECTIVORA

Cohort - UNGUICULATA

Example specimen

~~Head~~ KM - none given, ♂, Sept - 1943,
Mickwa Stream, H Roseberry Dist, Chief
Mulondolo area, N.E. Rhodesia, D.G. Lancaster.
No measurements - when stuffed -

Description

Head - Snout long brown haired, tip brown, brown above hairs banded brown and black, ears light brown, chin ruffous white.
Body - 6 stripes running from shoulders to tail, middle 2 darkest brown with 5 white spots imbedded in stripe, next 2 stripes with 6 white marks, last two with a dusty brown stripe with 5 white marks running below it, background color on shoulders and between stripes brown as head, rusty flanks and sides, shoulders, ventrally light ruffous.
Tail - long black, whitish tipped, light below.
Front feet. 4 toes 4 claws, 4th toe medial and up on side of foot, pads dark, hair rusty brown.
Hind feet - legs long, foot long, 4 long toes with long brown claws, pads brown or black, hair rusty brown and short.

Larson

Rhynchocyon (Spotted Tonder)

Ex Spec. KM-11565 ♀, 11 July 1946, Mlanje Plateau, Nyasaland, Shortridge, 5700'-7000', 275-218-70-30.

Head much same as R. macrurus only darker brown, coarsely, back and sides a dark brown, only 4 rows of dark rusty spots visible starting from shoulders to tail, 2 middle brown most well marked. tail black above, tip whitish, legs dark brown, claws long, toes long,

Larson

Potamogale

Genus species - Potamogale velox
Family - Potamogalidae
Superfam - Tenrecoidea
Order - INSECTIVORA
Cohort - UNGUICULATA

Example specimen - 8/Apr./1898 ♀,
Near Benito R. 25 mi. from mouth, West Africa,
Low hills above sea level, (Bates)
323-242-36-22

Head - dark rusty brown above, whitish below and around upper lip and cheeks, ears brown, whiskers white,
Body - overall shape like a small crocodile, canoe shaped, rusty dark brown above, lighter on sides, white below, fur soft, fairly short.
Tail - upper tail like body, furry, dark rusty brown, lighter brown below, lower tail thick, dark brown, hair short, sparse, a keel like ridge running along dorsal margin.
Forefeet - legs very short 5 toes with claws, claws whitish, pads light brown.
Hindfeet - unique in that 2nd toe is split halfway down forming 2 toes in one with two separate claws, may be a fork, three other normal toes with light claws.

Tom Larson

Collected

Elephant Shrew

Genus species - Elephantulus rupestris

Family - Macroscelididae

Superfam - Macroscelidoidea

Order - INSECTIVORA

Cohort - UNGUICULATA

Example Specimen - G.C. Shortridge, No. 752, 16 Dec. 1943, Dellfontein (Karroo) C.P. (S. Afr.) Alt. 4460', H-B-128, Tail-122, Hf-37, Ear 25.

Description -

Head - Snout elongated (approx - 3/4" in length) Dark groove under snout. Black whiskers ranging from half inch to two inches long. Ears light brown with short brown hairs, below ears naked except for light hairs on ear margins. Head buffish brown above, grey at base of hairs, yellow grey hairs around and behind eyes with slate grey bases. Chin and throat white with grey at base of hairs.

Body - Buffish brown above with slate grey at base. Below white with grey base. Naked around base of tail.

Tail - Dark brown above, lighter below.

Forefeet - Yellow brown above, lighter below, pads dark, 5 toes, Claws on each toe, hair on toes.

Tom Larson

Elephant shrew (Con't)

Genus species - Elephantilus rupestris

Hindfeet - Yellowish hairs above, dark pads, foot long with 5 clawed toes, first toe vistigial and above other 4 toes, upper hindlegs naked

Testis - internal, penis abdominal - long, slender and vermiform. Tongue moderately extensile, projecting (50 mm.) beyond mouth.

Mammae - 6

Narrow naked gland on underside of tail, black in color, exuding small beads of moisture.

Collected

Elephantulus intufi

EX. 28, ♂, 5 Nov. "23", Koribib, S.W. Africa, 3842', Shortridge, HB-129, TI-137, HF-35, EOR 25

Brownish yellow above, sides yellowish white, below white, foot pads brown, ears medium brown, tail medium brown.

Personal Notes

Collected this species on Jimbeestein Dam 15 miles from Windhoek. They inhabit small clumps of bushes. During the day they are active and run from clump to clump in search of food.

Tom Larson

Collected

Elephantulus trapensis

Genus species - Elephantulus trapensis.

Family - Macroscelididae

Superfam - Macroscelidoidea

Order - INSECTIVORA

Cohort - UNGUICULATA

Example Specimen - G.C. Shortridge, No. 670, 17 Nov. 1936, ♀ King Wm's Town Museum, Ezelfontein, nr. Leliefontein, Namaqualand. H-B- 102, TI-120, Hf- 32.5, Ear 26.5

Description

Head - Snout elongated with dark stripe running along top, tip of nose black, small groove under snout, short light brown hairs on snout, fur on head a mottled brownish buff on top, slaty grey hair bases, cheeks and side of head an ashy grey with slate grey base, chin yellowish-white hairs, whiskers black, long and sparse, ears long with short dark hairs outside, light buff hairs inside,.

Body - on shoulders, back, and behind ears a buffy brown with slate grey bases, mottled buff-brown on posterior back, sides lighter grey-brown, going way to grey-white below with slate grey bases.

Tail - Base of tail naked, tail about same length

Tom Larson

Elephantulus trapunsis

as body. Tail dark above with short hairs slightly lighter below except at tip, short tail rings concealed by hairs.

Forefeet - 5 toes all with curved black claws, yellowish-white short hairs on feet above, black foot pads,

Hind feet - long - 5 toes with black claws, 1st toe short and on side of foot above other 4 long toes. Yellowish hairs, short on foot, dark pads below. Legs thin and much longer than forelegs.

Tom Larson

Collected

Black-eared
Common Elephant Shrew

Genus species - Macroscelides proboscideus melanotis

Family - Macroscelidoidea

Superfamily - Macroscelidoidea

Order - INSECTIVORA

Cohort - UNGUICULATA

Example Specimen - KWT. Mus. Shortridge, ♂ 9 Jan 1937, No. 1255, Fenriet, Near Steinkopf, Namaqualand, Alt. 3000, (Personally Collected)

H-B-112, T1-119, Hf-36, Ear-21

Description

Head - nose elongated, a groove under nose, top of head dark grey or black interspersed with dark brown, forehead, cheeks to ears a tawny brown color, below white, with grey slaty base to hair ears black, with short fine hairs, sparcely haired behind ear, whiskers long and fine. Ears long.

Body - a buffy brown above with slaty base, rump more yellowish orange, below white with slaty grey base showing through. Hair long and very soft and fine.

Tail - Base of tail naked, about same length as body, dark brown above and below, hairs short, tips black. Narrow gland under tail.

Forefeet - 5 toes with black claws, hair on feet and toes

Tom Larson

Black-eared Elephant Shrew

pads black.

Hindfeet - foot twice as long as forefoot, 5 toes with black claws, 1st toe well up on side of foot and smaller than others, short light-brown hairs on foot and toes, leg shorter than foot.

Monroe - 6

Own Notes

I collected these shrews 7 miles East of Port Nolloth, Namaqualand, in the desert. This Southern extension of the Namib Desert is a coastal area which extends inland to mountains about 15 to 20 miles from the coast. The locality where I collected was composed of open, treeless sandy, undulating country. There were drifting sand dunes overgrown with scattered succulent plants and small bushes. The shrews made their nests in the stick piles made by a species of Mystomys. The elephant shrews dig holes under small bushes. They are active in early morning. You can see them darting hurriedly about at any time of the day. They run rapidly with back in the air from wheel to

bush and also to the stick piles.

They are easily trapped with ordinary mouse traps. The bread put on the traps attract ants. These ants in turn attract the Black-eared elephant shrews.

I also collected the same species at Garies, Namaqualand. Garies is situated in between mountains. The slopes of these mountains are dry with no vegetation other than scattered succulent plants and small bushes. There are outcroppings of metamorphosed rocks all of which are rounded boulders. There are no stick piles here, so the shrews take refuge in holes they make under small bushes. They also take refuge under rocks, and ledges, and cracks in the rocks. There are numerous at Garies. With a little patience you can see them at any time of the day.

Tom Larson

Collected

Cape Elephant Shrew

Genus Species - Elephantulus Capensis

Family - Macroscelididae

Superfamily - Macroscelidoidea

Order - INSECTIVORA

Cohort - UNGUICULATA

Example specimen - KWT. Mus. ♀ 11 Nov. 1936, Shortridge, NO. 578, Kamiesberg (Witwater Plateau). Namaqualand. 3500' Alt. H-B-126, Tl-132, Hf-36.5, Ear-30

Personally Collected

/

Description

Head - Snout elongated about 3/4", dark streak along snout, below a narrow gland along snout. A grey-brown above with slaty grey basal hair, chin and neck a buffy color mixed with white. Ears large-wide, rounded, dark brown, a margin of white hairs along top of ear for 1/2". Very short sparce hairs outside and inside ear. Buff behind ear.

Body - a grey-brown with slaty base. Hair quite long and soft. Below a lighter whitish-grey, slaty base.

Tail - about same length as body black above, slightly lighter below. Short hairs on tail. Base of tail naked.

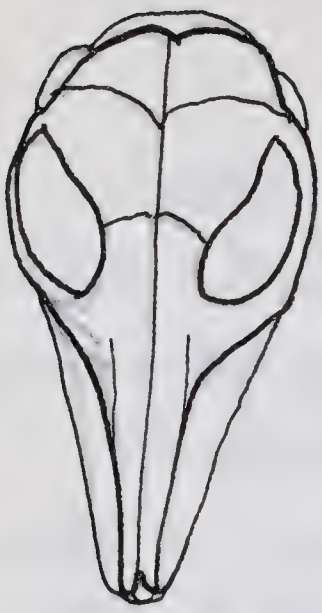
Tom Larson

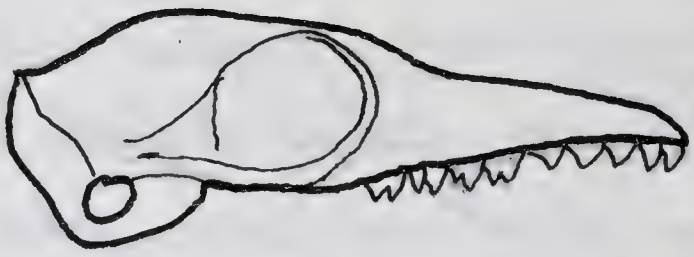
Cape Elephant Shrew

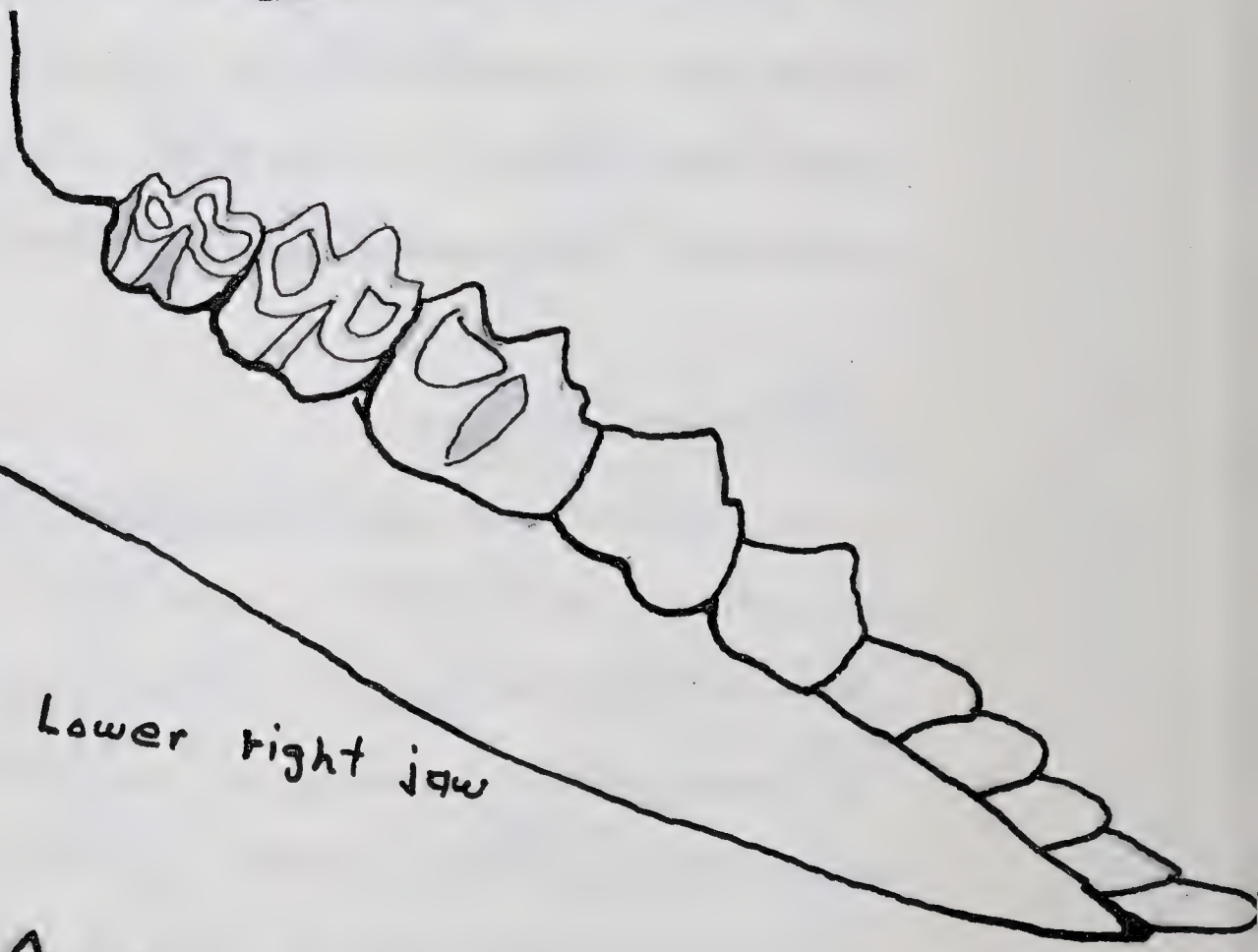
Forefeet - small delicate foot, 5 toes with black claws, fine short grey hairs on foot, pad black. Legs very short.
Hindfeet - foot very long, 5 toes with claws, claws black, short light grey hairs on foot and toes, pad black extending over an inch along foot, 1st toes small and vestigial - mostly claw. Leg and foot much longer than front legs.

Personal Notes

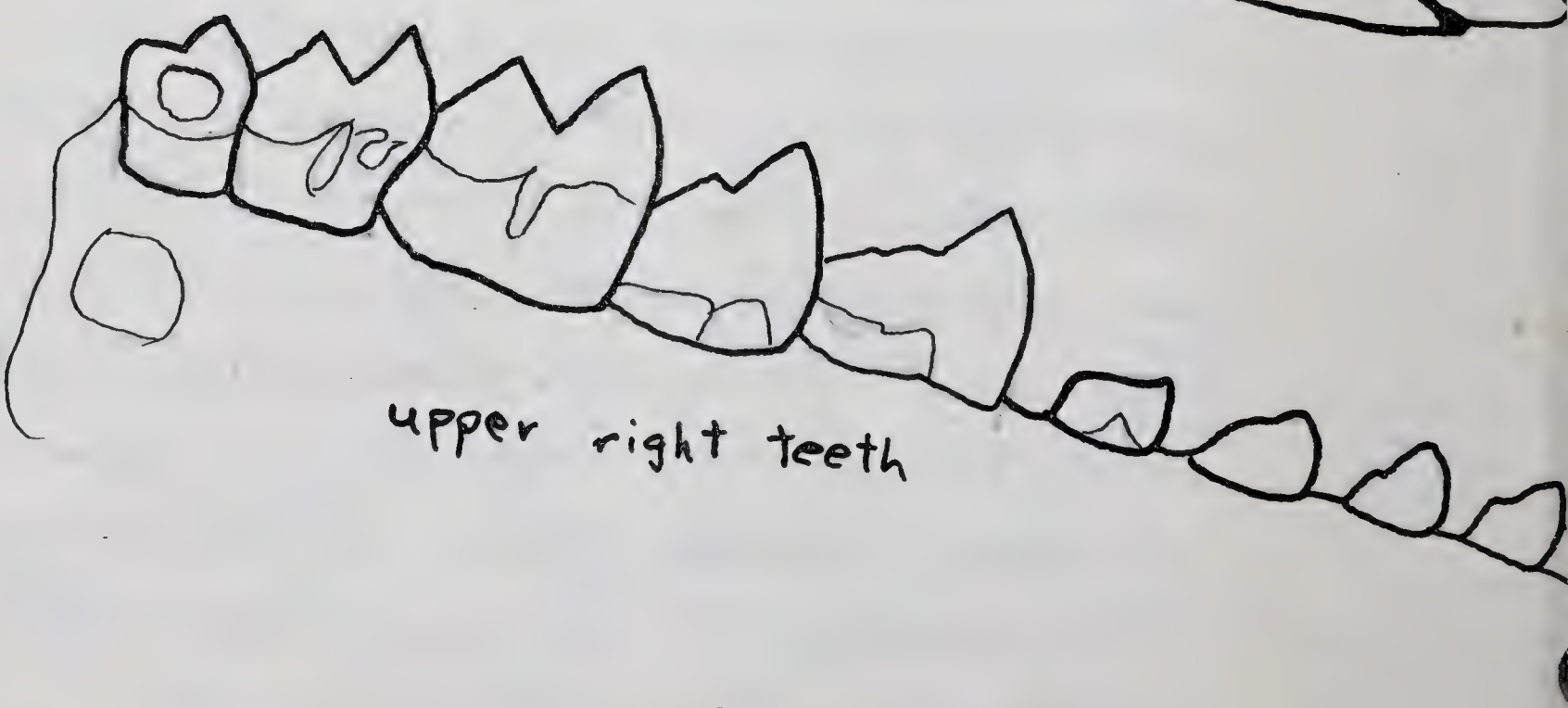
I have collected this species in many places in South Africa, in Natalpaasland, in Bechuanaland, in the Transvaal, and I believe in S.W. Africa. They are active during the day hopping and running, or darting swiftly from rock crevice to rock crevice. They are easy to observe and can be approached fairly closely. They eat ants and other small insects. They are easily trapped on meat or meal. I have watched them hidden away under rock ledges. They run often with tail in the air. Their long nose can be twisted around in any direction to sniff the air.







Lower right jaw



upper right teeth

Tom Larson

Collected

Short Snouted Elephant Shrew

Genus species - Nasilio b. brachyurus

Family - Macroscelididae

Superfamily - Macroscelidoidea

Order - INSECTIVORA

cohort - UNGUICULATA

Example Specimen - KWT Mus. G.C. Shortridge, 1781, 22 Aug. 1938, Balovale, Barotseland, Alt. 3330'. HB-115, TI-84, Hf-27, Ear-19.5

Description -

Head - Nose long about ½ inch, dark buffish brown above, cheeks more grey, below a whitish grey. whiskers dark and very fine, a few white ones, light buffish white behind ears, very short fine hairs on both sides of ears,

Body - a cinnimon buffy color, light buffy grey on sides, whitish grey below, slaty grey bases.

Tail - shorter than body and head, cinnimon above, whitish-grey below, gland running under tail from base to about an inch from the tip, around base of tail is a naked spot.

Forefeet - 5 toes all with claws, hair on feet white below pads dark brown, hair on legs grey, below lighter whitish grey.

Hindfeet - 5 toes with claws, 1st toe short and up on side of foot, feet whitish above, pads brown below

Tom Larson

Short-Snouted Elephant Shrew

hind legs much longer than front legs, also feet twice as long as front feet. Legs almost naked of hairs up to flanks except for short spare hairs above ankle.

Nasilio b. schinzi Colle

EX. KM 344, 2 Aug. 1929, ♂, Andara, Okavango, W. Caprivi. S.W. Africa, 1060 M, Shortridge, HB 120, T1-104, HF 28.5, Ear 21.5

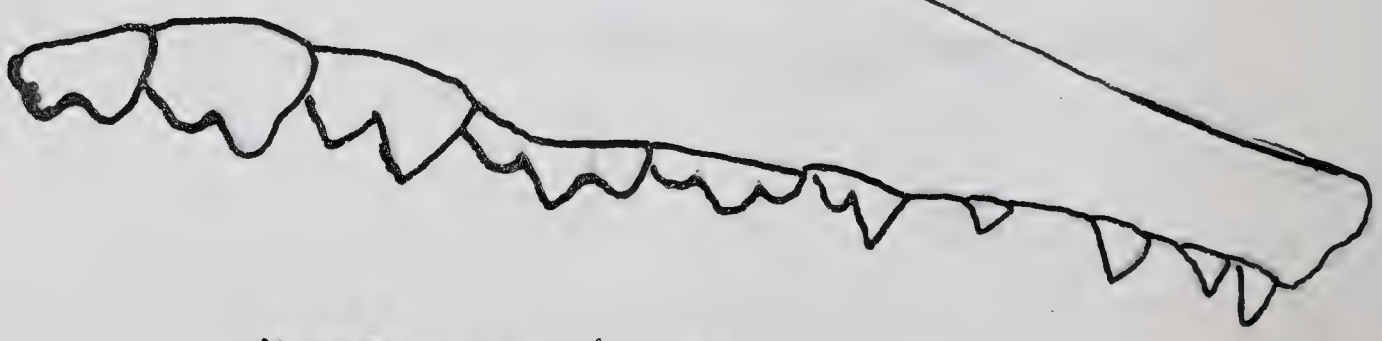
Same as Nasilio b. brachyurus, except tail longer, fur not so dark cinnamon, lighter brown.

Nasilio b. Shortridgei

EX- 3480 ♂, Co-type, 2 Aug. 1919, Ndola, N. Rhodesia, 4220', Shortridge, HB - no measurements.

Slightly larger than other two, darker cinnamon on back, sides, lower sides buffish. legs longer, feet pale instead of dark brown. Yellowish grey below.

lower right jaw



upper right jaw

Tom Larson

Giant Elephant Shrew

Genus species - Petrodromus ~~tetradactylus~~ → Venustus

Family - Macroscelididae

Superfamily - Macroscelidoidea

Order - INSECTIVORA

Cohort - UNGUICULATA

Example Specimen - KWT. Mus. ♂, No. 2205, Alt. 3330', 29 Aug. 1938, Balovale, Barotseland, H-B-197, Tl-150, Hf-57, Ear-45.

Description

Head - Snout elongated like a trunk, dark brown streak on top of snout, greyish brown on sides, whitish below snout and Chin and throat, a glandular groove under snout. Top of head a dark Cinnimon brown, same color in front and behind eye. a greyish brown patch above and ~~above~~ behind eye to ear. Also greyish-brown below eye and on sides of neck. Outer half of outer ear with short Cinnimon hairs, behind more bare and thin dark brown or a reddish brown, inside of ear dark reddish brown with short light hairs, a white tuft of hairs at base of ear.

Body - Back a Cinnimon brown, grey brown on sides and white below with a slate grey base.

Tom Larson

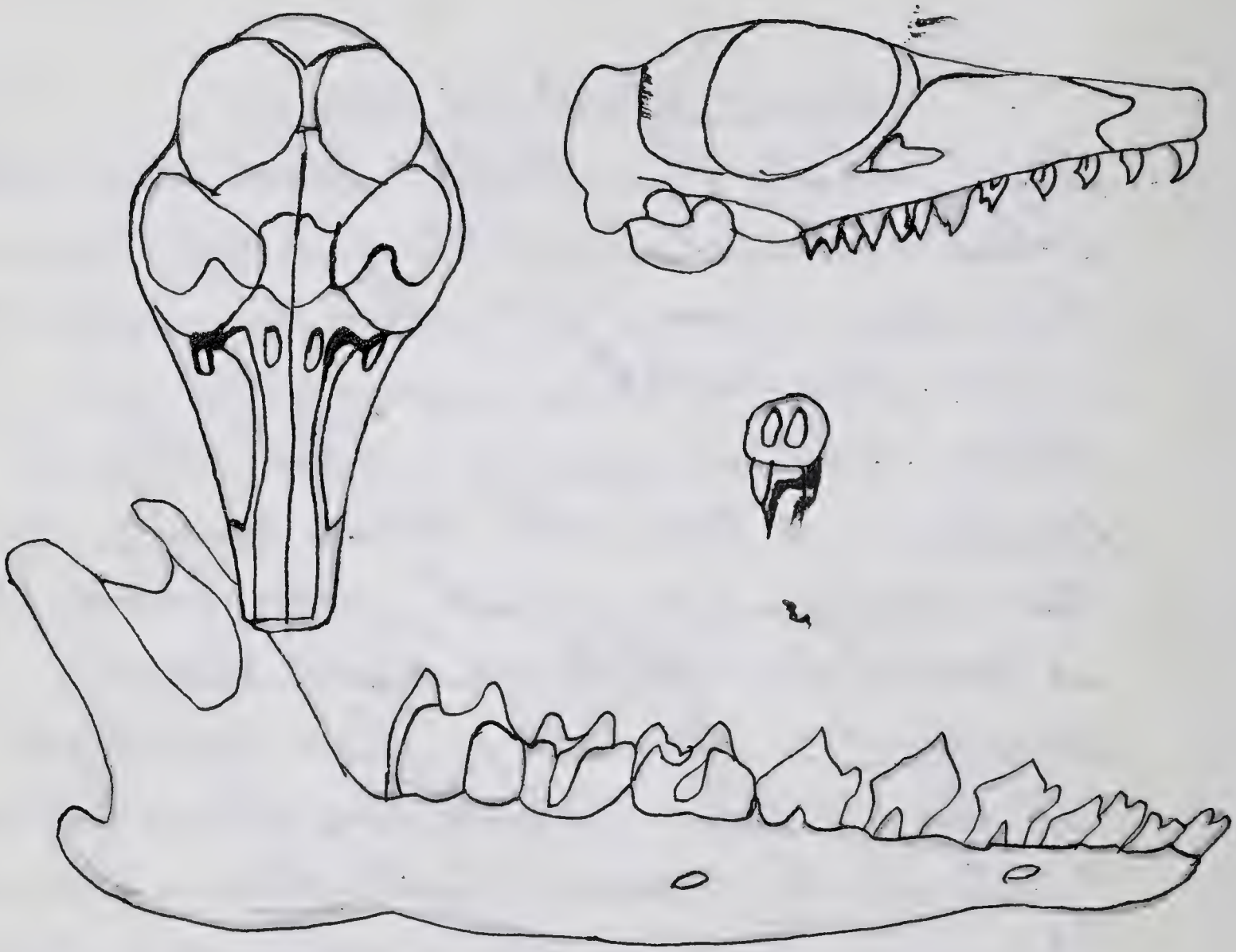
Giant Elephant Shrew

Tail - Shorter than body, black above, thick, black hairs below at the end half, toward tail base more light, hairs very short, base of tail naked, a navvar gland running ~~below~~ under tail in form of a black streak.
Forefeet - 5 toes with brown claws, 1st toe well up on side of foot, pads brown, hair on toes and feet short and light brown.
Hindfeet - legs long, foot half length of leg. 4 toes only with long brown claws, pads dark brown, light brown hair above. On upper legs - no hair - skin very light.

Petrodromus Venustus occidentalis

KM-445 ♀, 22 May 1938, 3030', Kazungola, N. Rhodesia, 200-178-55-34, 50mi. W. Victoria Falls, N. Bank of Zambesi

Coloration much the same as P. Venus: only tail ventrally shows no dark gland, uniform black below except at base of tail which is light colored.



right jaw

Larson

Collected

Hedge hog

Genus species - Aethechinus f. frontalis
Subfamily - Erinaceinae
Family - Erinaceidae
Superfamily - Erinaceoidea
Order - INSECTIVORA

Example - KM-513 ♂, 15 Feb. 1940, Fort Beaufort. C. P. J. Allis, 190-25-34-28.

Description
Head - black just from just above eyes around to cheeks, nose and chin, White band running on forehead, infront of ears, under and behind ears around under throat, short shary grills starting on top of head, banded white, black, white tipped, ears black with short white sparse hairs.
Body - above with close set grills about 1" long, sides coarse brown hair with white tips, below dark brown hairs, brown rump.
Forefeet - 5 toes with claws (short), 1st toe vestigial and up on side of foot, pads brown, stubby foot, hair light brown above,
Hindfeet - 5 toes with claws, no 1 vestigial and up on side of foot, no. 2, long nail, nos-3, 4, and 5 progressively shorter, pads dark brown, hair brown.
Tail - only a vestige stump.

Larson

Angolae.

Hedge hog (Aethechinus frontalis

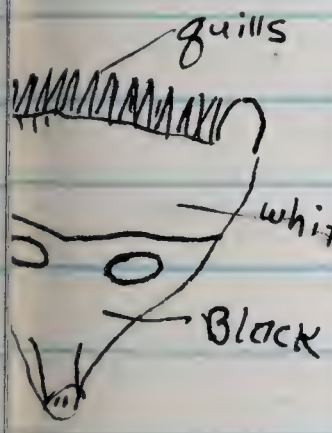
EX. Spec. KM-526, ♂, 25 Sept. 1921,
Okorosore, Cent. Kaokoveld, S.W. Afr.
1360 m (Approx), Shortridge,
200-24-30-25

Description - smaller than A. f. f, not so much white on head, body quills, showing more black toward tip, tips only a speck of white giving an overall darker appearance, dark brown to black below feet same only with darker brown hair, 1st toe and claw larger, back feet about same as A. f. front. tail more noticeable, slightly larger.

~~Ae~~ Erinaceus frontalus (hedge hog)

EX - KM-514 ♂, 4 May 1921, Burghersdorp,
C. P. Knowles, 160-16-29-24

Description - face black, chin white, forehead, ears white extending around under ears, quills on back about ½", white, ~~black~~ black, and white tipped, overall appearance brown, below a coarse wiry black hair with occasional white hairs, feet small, pads dark.



Tom Larson

Collected

Crocidura flavescens

Genus species - Crocidura flavescens
Subfamily - Crociduringe
Family - Soricidae
Superfamily - Soricoidea
Order - INSECTIVORA
Cohort - UNGUICULATA

Example specimen - Port Eliz. Mus. Elandsriver Uiten, No. 1444/1, 28 Feb. 45, Ringle, ♂ Body 4⅓", Tail - 2½", F. leg 1", H. Leg 1½"

Description

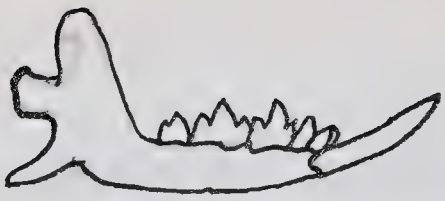
Head - Nose long and pointed, brown whiskers about ½" long, a dark rusty brown on top slightly lighter below. Eyes small and beady. Ears small with fine hairs hardly visible.

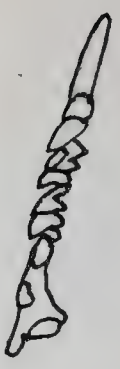
Body - same as head, a rusty brown above and a grey brown below.

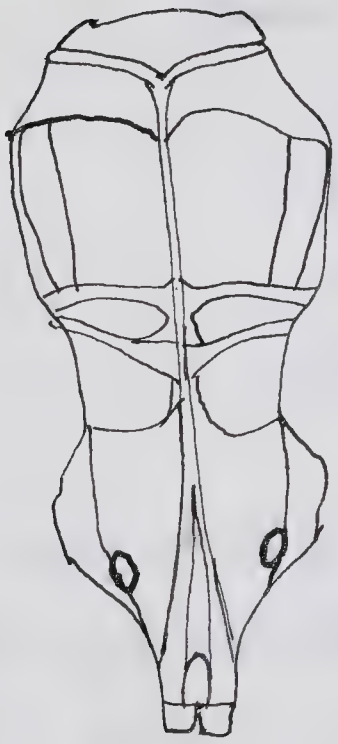
Tail - about half as long as body, much thicker at base, scattered long light-colored hairs, thick short brown hairs slightly darker toward tip of tail. No bare patch ~~beside~~ or under tail.

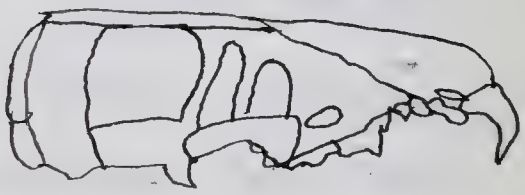
Forefeet - 5 toes all with claws, short light brown hair on feet, brown ~~pads~~.

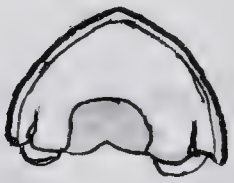
Hindfeet - 5 toes and claws.



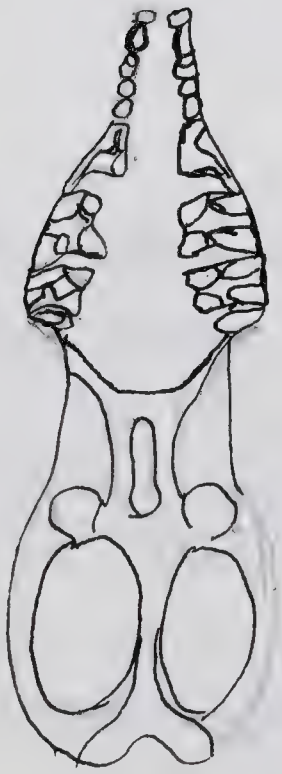








upper incisors



Larson

Crocidura occidentalis herero

EX. KM-551, ♂, 22 July 1938, Linalunga, Barotseland, 3330', HB-144, TI-85, HF-22.5, Ear-12.5, A uniform rusty black or very dark brown, lighter greyish brown below. Very large crocidura.

Crocidura (X?)

EX. 566 ♂, 1 Aug. 1938, 3330', Linalenga, Barotseland, N. Rhodesia. HB-113, TI-64, HF-15, Ear-11.5. A large shrew - same color as C. occidentalis H. only smaller and slightly darker.

collected

Crocidura deserti (Schw.) (Desert Shrew)

EX. 599, ♂, 17 Nov. 1935, Sandfontein, S.W. Africa, 4100', Shortridge, HB-98, TI-51, HF-16, Ear-12. A pale buffy brown with a slight ruffous tinge, a band on forehead ∧ shaped, face slightly darker, below - chest to nose a whitish grey, posteriorly a yellowish white, tail light, ears pale, feet light.

Crocidura (near deserti)?

EX. 603, 1930, Moschi River, Caprivi Strip, Bechuanaland, S.W.A. (F.N. Boline) no measurements given, same general size as C. deserti - only color a bleish grey with a slight ruffous tinge.

collected

Crocidura shortridgi ?

KM-598, ♂, 2 Oct. 1938, 3330', Balovale, Barotseland, N. Rhodesia. HB-84, TI-43, HF-14, Ear-9. Small shrew, black above, lighter greyish black below.

Collected

Crocidura hirta (Peters Shrew)

KM-641 ♂, 9 July 1938, 3330', Limalenga, Barotseland, N. Rhodesia, HB-93, TI.55, HF-15, Ear-10.5
a fawny grey, slaty-based, grey below, tail about 2/3rds length of body.

Crocidura hirta flavidula

KM-621, ♂, 20 Feb 1914, → Berea, Durban, "Chubb" E.C.
HB-93 mm, TL-38, HF-16, Ear-7,
a rusty-brown, tail about ½ or less, length of body, pale grey below.

Crocidura cyanea

EX-KM-661 ♀, 9 sept. 1938, Citrusdal, Olifants River, N.W.C.P. Guldenhuis, HB-70, TI-44, HF-14, Ear 9.5.
a small bluish grey shrew, above and below, tail thin, about ½ length of body.

Crocidura (c)

EX-KM-11640 ♀ 9 July 1946, Likobula, ft. of Mloige Mt. Nyasaland, 2500-3000', Shortridge, HB-70, TI-44, HF-14, Ear-10
a dark brown Cinnimon Colored shrew, grey below, scattered long hairs on tail, also short hairs

Crocidura (a)

EX-KM-11612, ♂, 25 sept, 1946, Slopes of Cholo Mt. Nyasaland, 4000', Shortridge, HB-91, TI-57 Hf-16.5, Ear 11. Larger than Croc. (c)
a dark brownish grey, paler grey below or a sort of bluish grey.

Larson

Crocidura bicolor (Bicolored Shrew)

NO. 656, ♀ 27 Aug. 1938, 3330', Bolouvale, Bavotseland, N. Rhodesia. HB- 82, TI- 36, Hf- 12, Eav 10. Shortridge and Carter.
Light cinnimon fawny brown with splotches of a lighter color scattered about on the dorsal body, head lighter, below a uniform light grey.

Crocidura
Crocidura russula

KM.
EX- 658 ♂, 29/3/1912, Alger, K. Jordan,
HB- 70, TI- 37, HF- 14, Eav- 8
a rusty ruffous color above, below grey.

Crocidura (D)

KM- 11645 ♂, 2 July 1946, Mlanje Plateau, Nyasaland, 5700'- 7000', Shortridge,
HB- 78, TI- 56, HF- 15, Eav- 10.
a darker cinnimon with a slightly metalic purple hue, below greyish brown, tail more than half length.

Collected ?

Crocidura mortensii

KM- 666 ♀, 9 Nov. 1936, Komies berg (Witwater Plateau), Namaqualand, Shortridge. 3500',
HB- 83, TI- 54, HF- 14, Eav- 11.
a dark greyish blue, tail over half length of body, lighter blue grey below.

Crocidura pondoensis

KM- 708 ♀, Port St. John Dist, 500', W. Pondoland, Cape.
H.H. Swinny, HB- 68, TI- 54, HF- 12.5, Ear 8
Small shrew, a dark cinnimon brown, grey below.

Myosorex varius

KM-764 ♂ 7 Dec. 37, Kliphuis 18mi. N.E. Clanwilliam, 3000 ft, Shortridge.
HB-79, TI-40, HF-14, Eor-11

A greyish shrew, carousel-haired whereas those of Crocidura are bare, paler grey below, tail short, feet light.

collected

Myosorex varius

KM 776 ♂, 28 May 1938, Citrusdal, C.P. Geldenhuis, HB-86, TI-44, HF-14, Eor-9.

Light greyish brown, quite large, grey below.

Myosorex varius coetzei

KM-747, ♀, 23 March, 1938, Perie Forest, King Wms Town, C.P. HB-90, TI-44, HF-15.

A dark grey or a light black, slightly lighter below.

Crocidura bicolor woomomi

KM-655, ♀, 24 July 1939, 1070m, Shortridge Mbombi (Okavango) S.W. Africa, Grootfontein-Caprivi border.

70-39-12.5-9

Very small, a brown mottled shrew, darker brown on some parts than others, rather cinnamon brown, greyish below.

Larson

Suncus orangiae

KM-728, ♂, 17/1/33, Bothaville, O.F.S.
U.B. Clivens, HB-60, TI-30, HF-9, Ear 8
Very small, feet tiny, tail over ½ total length,
a cinnimon brown & dark flanks, grey below.

Suncus wroseni

KM-729, ♂, 18 Jan 38, Compagnies Drift, Dr.
100', Lampert's Bay, Shortridge.
HB-62, TI 40, HF-10.5, Ear-8.5
A brownish grey above, grey below, tail
almost length of body

Suncus lixus

KM-738, ♂, 3330', 22 July 1938, Limalungo,
Barotseland, N. Rho, HB-65, TI-43, HF-11.5,
Ear-8.5
Brownish grey above, light grey below,
tail almost length of body,

Suncus gratulus

KM-726 ♀, 20/4/32, Turffontein, Johannesberg,
HB-63, TI-29, HF. 8, Ear 8,
A cinnimon brown above (dark), grey
below, tail ⅔ length of body.

Larson

Collected

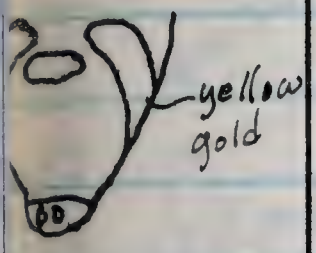
(Golden Moles)

Genus species - Chrysochloris asiatica

Family - Chrysochloridae

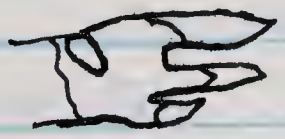
Superfam - Chrysochloroidea

Order - INSECTIVORA

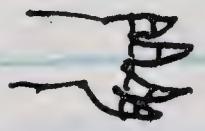


Ex. Spec. - KM-829 ♀, 8 Nov. 1932,
Rosebank, Cape Town, Sea level, A.B. Chivers.
115, —, 12, —,

Description -
Head - rosebank brown extending to forehead, around mouth light golden running up in a streak on side of face, stripe on top of forehead,
Body - a brown with a copper or maroonish lustre, below more greyish.
Tail - none
Fore feet - 4 claws as in amblysomus.

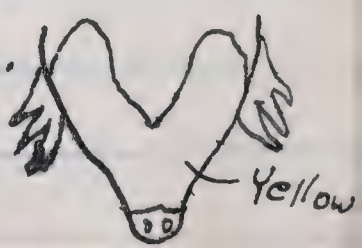


Hind feet - 4 toes and claws, claws brown, pads brown,

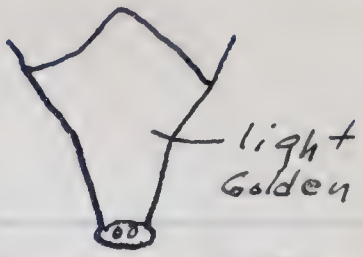


Chrysochloris minor

Ex. KM. 904, 17 Jan, 1938, Compagniesdrift, near Lamberts' Bog, 100', Shortridge,
105, —, 12, —.
Same color as C. asiatica except face which has a light golden or yellowish white, on face and chin in this pattern.



Larson

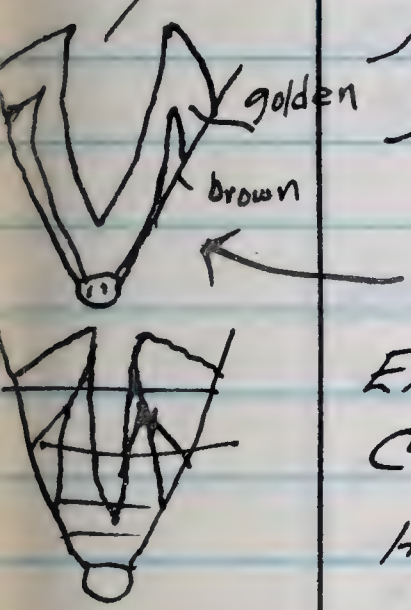


Golden Moles

Chrysochloris namaquensis

EX. KM-814 ♂, 9 Nov. 1936, Witwater Plateau, Hamiesberg, L. Namaqualand, 3500', Shortridge. 114, —, 12, —.

Des. Like C. minor only slightly lighter, rump dark golden or copper color, back bronzish copper, face light golden, golden grey below.



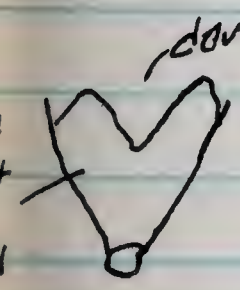
Chrysochloris Concolor

EX. KM-850 ♂, 10 Nov. 1937 Nieuwoudtville C.P. 40 mi. W. of Calvinia, 110, —, 13, —.
High Veld, Top of Van Rhynsdorp Pass, Bokkeveld Mts.

Des. Above a silvery greyish with a purple or maroon metalic lustre, grey below.

Chrysochloris visagei Br

EX. KM-12720 ♀, 29 Oct. 1947, Sonna Farm (Rhenoster River), 54 mi. E. Calvinia C.P. 3600', Shortridge, 106, —, 12, —,



Des. a beautiful pale gold color, face brighter gold.

eh.

Cryptochloris wintoni

EX. KM-1277, Aug 1939, Port Nolloth, C.P.
C.V.d. Heever.

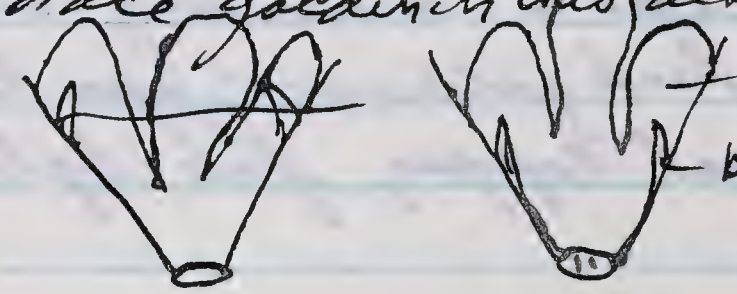
Small silvery yellow mole with a slight purple lustre, head yellow gold.

Cryptochloris zyli.

EX. KM-843, Sept. 1939, Compagnies Drift N.W.C.P. (Lomberts Bay), 100', Karoobs

No. measurements

Des - A brownish Copperry color with a maroon/chestnut. Face golden in this design.



Larson

Giant Golden Mole

Genus species - Chrysospalax trevelyani

Family - Chrysochloridae

Super fam - Chrysochloroidea

Order - INSECTIVORA

Example specimen - KM- ♀, 11/10/34, Kei Road, C.P, (Range), 250,—, 22,—,

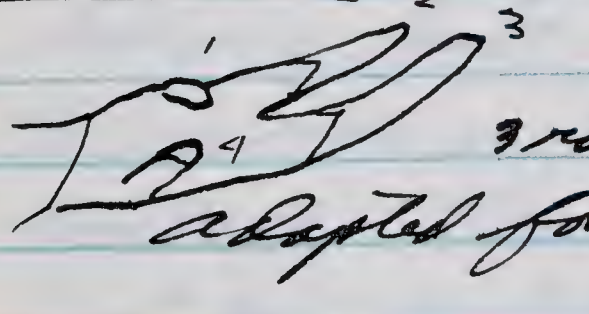
Description

Head - dark coppery brown, with few tinges of golden or yellow showing there on side ~~of face~~, no eyes, nose light brown, chin ~~head~~ brown.

Body - hair rather long and coarse, a dark coppery brown, above and below, hair base greyish brown.

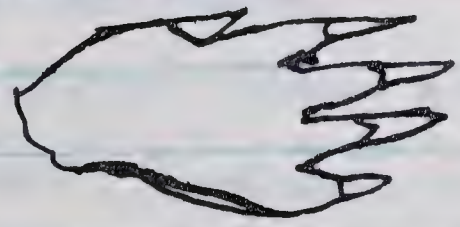
Tail - none.

Forefeet - 4 toes with claws.



1st toe short, 2nd long claw, 3rd longest, 4th short.
adapted for rapid digging.

Hindfeet - small and short, 5 toes with claws. not for digging.



Tom Larson

Collected

Grant's Golden Mole

Genus species - Eremitalpa granti

Family - Chrysochloridae

Super family - Chrysochloroidea

Order - INSECTIVORA

Cohort - UNGUICULATA

Example Specimen - K.W.T. Mus. 1373, Jan. 1938
Heever, Port Nolloth. C.P.

Description

Head - No eyes or ears visible, a pale yellow
Color with a golden tinge on face and head, below
more buffish brown.

Body - soft fine fur a light grey brown above,
hair base a light slate grey. Below on
belly and breast a grey mixed with a light buff.

Tail - none visible.

Forefeet - 3 toes with large digging claws,
first and second claws largest, the 3rd claw
smaller but much larger than the 3rd claw of
amblysomus hottentotus.

Hindfeet - 5 toes and claws with smaller
concave digger claws. Hindfoot much smaller than
forefoot.

Eremitalpa granti conus

EX. KM-1184, 3 Nov. 1941, Compagnies Drift, N.W.C.P, (Lombert's Bay), 100', S. Afrikaner, no measurements.

Description - like granti only larger and a more light brownish silky color.

Personal Notes

I have collected Eremitalpa granti on the desert five miles East of Port Nolloth. Mr. Vander Neever showed me how to catch them. They are called Creep Moles by the local Colonials and Afrikaners. They creep just under the surface of the sand leaving a visible small mound of sand which has no definite pattern, but meanders over the dunes where ever the small mole may find animal food such as insects and snails. When pursued this most beautiful of the small moles, sinks straight down into the sand, usually under a small bush or shrub. I have heard them utter a faint squeak. They are most active at night and early morning. If placed in the sand they will dig out of sight in a few seconds. They make their way into the sand, digging with their spade like forefeet and pushing the sand out with their small hind feet. When placed on a flat hard surface, they can move quite rapidly. I have seen them devour dead legumes in a short time. They can eat their own weight in a day easily.

Tom Lorson

Collected

Chlorotalpha (Mole)

Genus species - Chlorotalpha duthiae

Family - Chrysochloridae

Superfamily - Chrysochloroidea

Order - INSECTIVORA

Cohort - UNGUICULATA

Example specimen - Port Eliz. Mus, No. 1443/99, Pringle, 28 Dec. 1944, Golf Course. P.E. Body 3½", F.leg. 1", H.l-1".

Description

Head - no ears or eyes visable, snout brown, a light golden streak extending up between cheek and forehead, also some of same color on chin,

Body - head and body hair color a dark brownish with a green metallic lustre, top of head with a more coppery brown sheen, below slightly lighter. Fur very soft and fine.

Forefeet - 3 toes, the first modified into a large shovel like claw, the second a smaller claw and the 3rd a small vestigial claw. The whole foot is mostly a claw for digging.

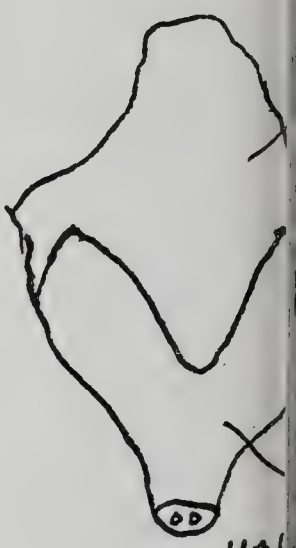
Hind foot - 5 toes and claws like a little hand, brown hair on foot, below on pads light and bare,

Tail - none visible.

Chlorotalpa shortridgei Br.

Ex. KM. 14580, ♀, 17 Nov. 1948, Sutherland, Cape Province, Shortridge-Macaulay, 4200'

Description - Fur whitish-yellow, nose light brown, top of head dark brown, body above golden or metalic coppery hue, below greyish with a coppery tinge.



Tom Larson

Collected

Golden Mole (1)

Genus } - ~~Chrysochloris~~ Amblysomus hottentottus
species }

Family - Chrysochloridae

Superfam - Chrysochloroidea

Order - INSECTIVORA

Example Specimens - ① No. 3321, Pringle, Kingwm's town, C.P. ♀, 22 Sept. 1939, H-B-112, Hf-14, Tl-0, Ear-0,

Description -

Head - no visible eyes, Oval bare spot on nose, On top of head golden metalic brown with a copper green tinge on back when held in light, Cheeks a pale buff or golden, a golden buff on chin and throat.

Body - above a dark golden brown with a greenish metalic sheen, below a lighter more buffy golden color. Hair soft and about 1/4" long, very thick.

Tail - none visible - the very short tail under skin.

Hind foot - 5 toes with claws, short hairs above on toes, pads bare and gold color, foot short and wide for digging.

Front foot - 3 claws, 1st rudimental attached to and slightly below longer second claw.

Personal Notes

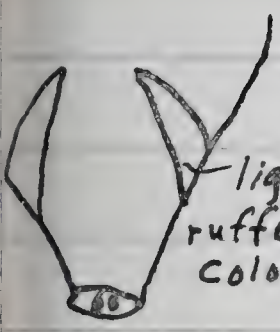
I have collected specimens of this species on the Port Elizabeth golf course and also on Mrs. Smith's farm, 20 miles West of Port Elizabeth near the coast on top of hills. They are very common in this area. They are found in the same areas as Molerats and Blesmoles. Golden moles are very common on the heather lands, also in sandy soil.

Tom Larson

Golden Mole

3rd claw large and shovel like, sharp edge and hollowed on inside. Vistigial 4th toe a mere tiny bump at base of 3rd claw.

Amblysomus hottentottus longiceps



Ex. Specimen - KM-932 ♀, 7 Nov. 1931, Eremelo, Transvaal, Chivers, 12/—, 14,—,

Description - a metalic Coppery Color, darker on head, around where eyes should be, a yellowish streak running to upper lip, slate grey hair base on body, below lighter copper color.

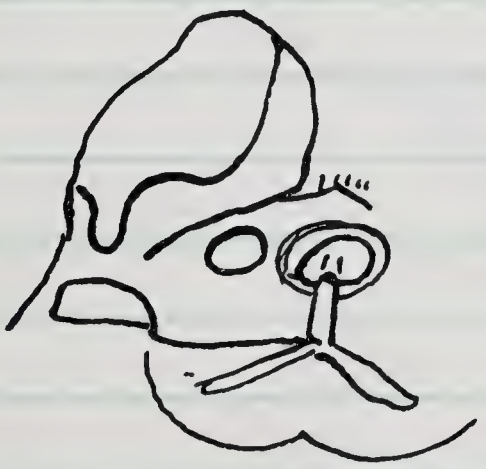
Dorsoa

Otomops ?

Genus species - Otomops ?
Fam - Molossidae
Superfam - Vespertilionoidea
Suborder - MICROCHIROPTERA
Order - CHIROPTERA

EX. KM-2503, ♀, 2 July 1938, Limalunga, Barotseland, Shortridge, 3330', 101, 44, 14, 28

Desc - dark brown above, lighter grey brown below, membranes very dark brown, tail ½ length of body, ears large, flap of extended skin on cheeks, fur brown.

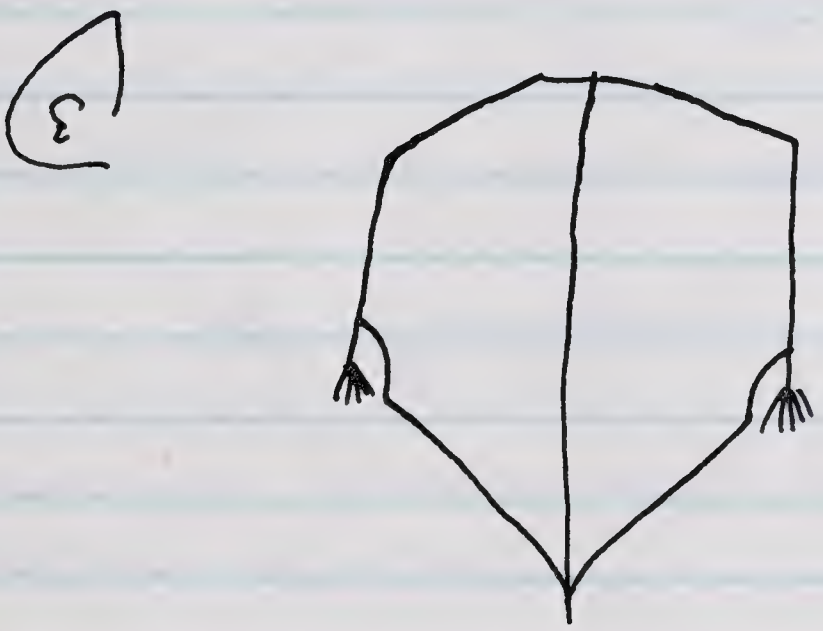


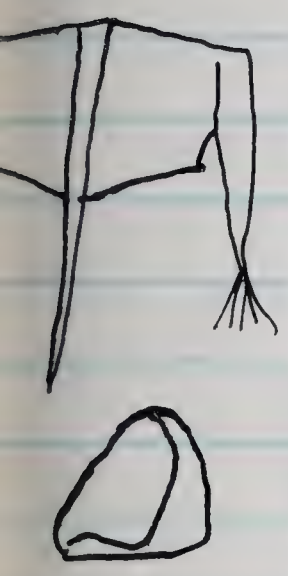
Mimetillus ?

Subfam - Vespertilioninae
Superfam - Vespertilionoidea
Suborder - MICROCHIROPTERA
Order - CHIROPTERA

KM- 1943 ♀, 13 Oct 1938, 3330', Baloodle, Barotseland, 56, 32, 7.5, 12.

Description - skin white, fur brown above and below, ears and membrane black to brown, small feet.





Mops chitonensis

Genus species - Mops chitonensis
Family - Molossidae
Superfamily - Vespertilionoidea
Suborder - MICROCHIROPTERA
Order - CHIROPTERA

EX. - KM-2508 ♂, Nov. 1932, Ft. Jameson, N. Rho. D. G. Lancaster. no measurements,

Desc - dark brown to black above, whitish below, membranes dark brown, ears dark brown, tail about ½ length of body or less, half out external outside of ear black furred, tip half bare, inner ear with a light fringe.

Mops angolensis

KM-2533 ♂, 24 July 1938, 3330', Limalunga, Barotseland, N. Rho.
82, 42, 13, 18.

Desc - Medium brown above, ears about mostly bare, brown, membrane brown, below a walnut ruffous or chestnut brown color on throat, mid belly and flanks, more brownish grey chestnut on sides, Ears and tail about same as M. c. Feet larger, toes stronger and claws stouter.

Lawson

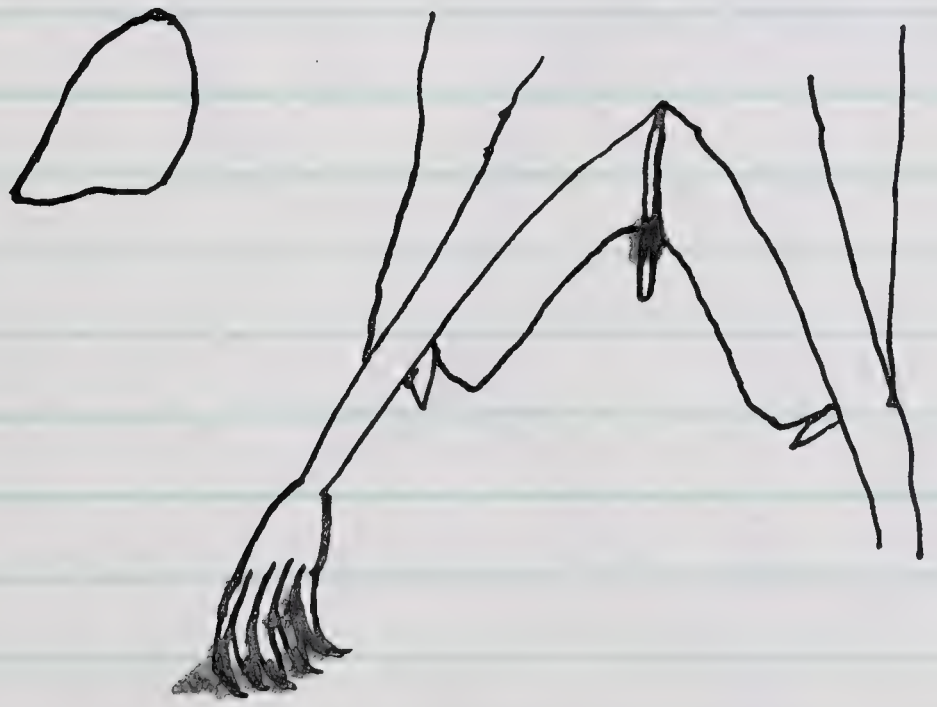
Rousettus leachii

Genus species - Rousettus leachii
Subfam - Pteropinae
Fam - Pteropidae
Suborder - MEGACHIROPTERA
Order - CHIROPTERA

EX - KM-11753 ♀ 30 June 1946, Likabula, ft. of Mlogerity, Nyasaland, 2500-3000', Shortridge, 151, 20, 23.5, 20.

Description

Dark brown above, below a light brown, throat reddish shin, tail very short, all membrane dark brown to black, face dog like, ears large, fur at base of outer ear.

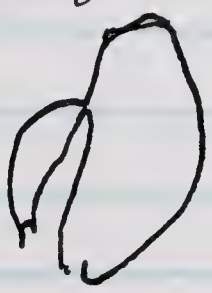


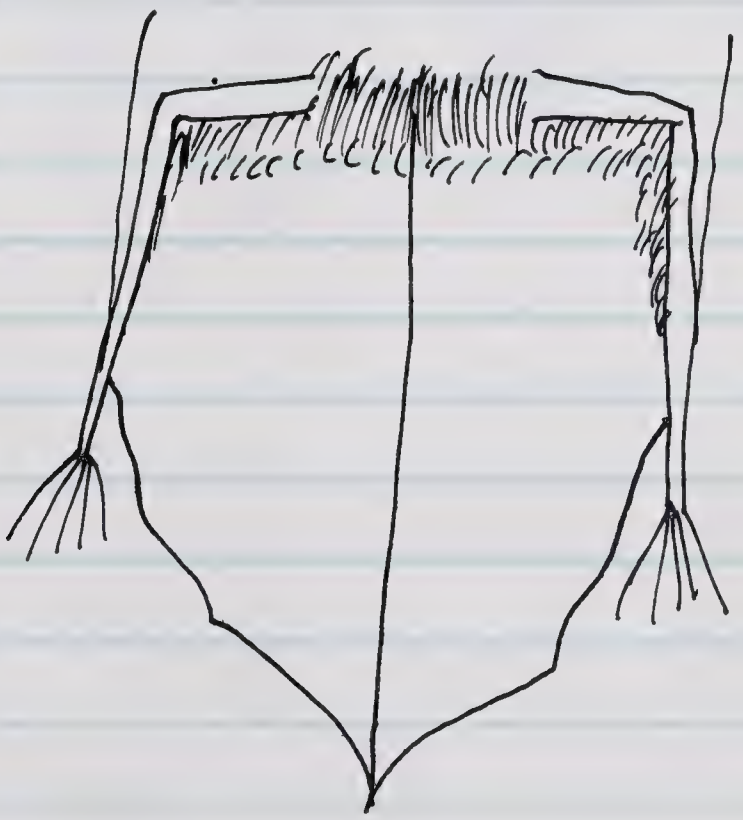
Myotis tricolor

Subfam - Vespertilioninae
Fam - Vespertilionidae
Superfam - Vespertilionoidea
Suborder - MICROCHIROPTERA
Order - CHIROPTERA

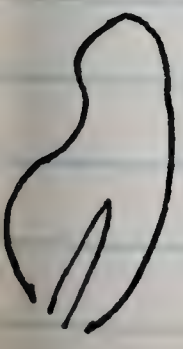
KM-1955 ♀, 14 Nov, 1931, King Williams Town, Turnbull, 56, 53, 12, 16.

Desc -
a rusty brown above, darker on back and top of head, and nose, ears brown, pale brown below, membrane brown (light), tail 3/4 body length, toes long.





Myotis



KM-11671 ♂, 10 Aug. 1946, Koto-Koto, W. Lake Nyasa, 1500', Shortridge, 55-42-11-16,
Desc - a light cinnamon ruffous above, darker toward back and rump, membrane grey brown, below a whitish grey

Scotoecus ?

Subfam - Vespertilioninae

Fam - Vespertilionidae

Superfam - Vespertilionoidea

Suborder - MICRACHIROPTERA

KM-9252, June 1944, Ft. Jameson, N. Rhodesia, 3800', Loncaster, no measurement.

Description -

Medium brown above, membranes brown, whitish below, ears brown,

Scotienus
~~Scotinus~~ schlieffini gustrilis

Subfam - Vespertilioninae
Fam. Vespertilionidae
Subborder - MICROCHIROPTERA
Order - CHIROPTERA

AM-19340, 22 July 1927, Tshimhoka, Cunene River, N. Kaokoveld, S.W. Afr, 670 m, Shortridge, 46, 32, 7, 11.5.

Desc - Body cinnamon brown above, paler below, membranes brown, base cinnamon, feet very small.

Tom Larson

Epaulette Fruit Bat

Genus species - Epomophorus wahlbergi
Subfam. - Pteropinae
Family - Pteropidae
Suborder - MEGACHIROPTERA
Order - CHIROPTERA

Example Specimen - KWT Mus, No. 4569, ♂
29 May 44, King Williamstown, C.P.
HB-133, T-0, Hf-22, Ear-24

Description

Head - light brown, ears a darker brown and oblong oval shaped, a white tuft of fur at base of each side of the ear, hairless outside of ear, inside a few furry white hairs. hairs on face around and above nose, dark, fine, less than ½" long.
Body - a medium brown above, below a lighter brown.
Tail - None present.
Hindfeet - 5 digits of same length, claws dark brown and well curved and strong. Pads dark brown as above. Brown fur on legs. Only a little membrane attached to both sides of legs.
Wings - dark brown membrane, fur extending out on wing upper arm. One long finger and claw at elbow joint, another claw ¼" lower on wing margin.

Eponorphorus angolensis

EX. Spec - KM-1561 ♀, 12 Oct 1924, UKuelu Kosi, N.W. Ouambolaad, Shortridge, 3400', 140, 3, 22, 24,

Description - light fluffy brown above, lighter brown below, wings medium brown, hind feet with 5 long brown fingers, long curved claws black, tail not visable, tuft of white behind ear, one above ear, nose brown, long finger with claw at elbow of wing, one claw at next bend of wing,

Eponorphorus Crypturus

KM-9627 ♀, 5/1939, Fort Jameson, N. Rhodesia, 3800', Loncaster, No measurements,

Desc - light to medium brown above, white patch on shoulder, white spot in front of ear, one white tuft at lower margin of back of ear, ears brown, nose brown, whitish belly, buffish-skin on throat, no visable tail, 5 long slender dark brown claws and fingers, feet black or dark brown.

Epomophorus Crypturus

KM-13487 ♀, 7-1-18, Kasempa Boma, N. Rho. Alt, 4000', Ansell, 97, 6, 18, 20,

Larson

Long Winged Fruit Bat

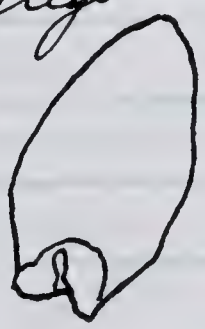
Eidolon helvum

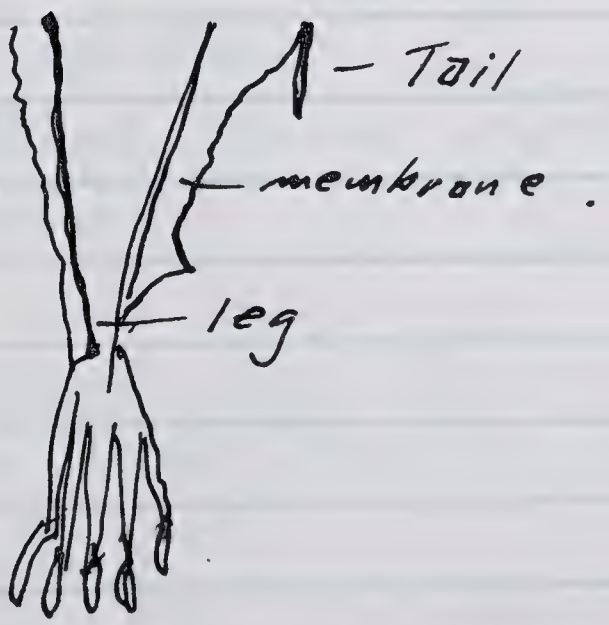
Genus species - Eidolon helvum
Subfamily - Pteropinae
Family - Pteropidae
Suborder - MEGACHIROPTERA
Order - CHIROPTERA

EX - KM-13490 ♂, 8-11-47, Kasanka, Serenje, N. Rho. 4000'; Ansell, 204, 20, 31, 30.

Description

Body above a yellowish brown, darker down middle of back and flanks and legs, face a dark yellow brown, ears dark brown throat a golden orange brown, Yellow below forearms, mid-ventral below brownish, wings and membranes black, feet large, strong, long black claws. Face horse or dog like, ears long, tail very short and vestigial





Tom Larson

Cape Horseshoe Bat

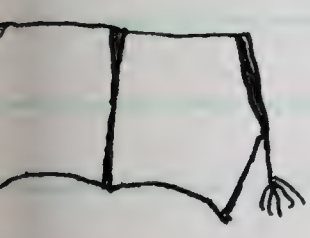
Genus species - Rhinolophus Capensis
Fam. Rhinolophidae
Superfamily - Rhinolophoidea
SubOrder - MICROCHIROPTERA
Order - CHIROPTERA

Example specimen - KWT Mus. 274, 20 Oct. 36 ♀, G.C. Shortridge, Orrelgat Cave, Kap-Kap Farm, 25 miles East of Witwater, Namaqualand, C. P.

Description
Head - light soft brown fur on head and face. Above nose a membranous growth, coming to a sharp point at upper apex. Ears large, leaf like, coming to a point, Veins running vertically.

Body - medium brown, fur long and soft, below brown slightly longer.

Hind feet - 5 digits, 5 claws, feet brown, membrane attached to legs as far as ankle.
Tail - about ½" long, very thin, enclosed completely in membrane.
Wings - a dark brown, a short digit with a claw at elbow.



Rhinolophus denti periensis

Ex. spec. KM - 1759 ♂, 20 Sept. 1931, King Williamstown, Turnbull, 46, 20, 7, 17.
Desc - smaller than R. Capensis, medium brown above, paler brown below,.

Rhinolophus augun

KM - 1746 ♀, 29 oct. 1923, Karabib, S.W. Afr. 3842', Shortridge, 62, 35, 11, 21.5,

Desc - brown above, pale brown below, ears light brown, translucent.

Rhinolophus geoffroyi

KM - 1739 ♂, Kaffraria, Spirit specimen.

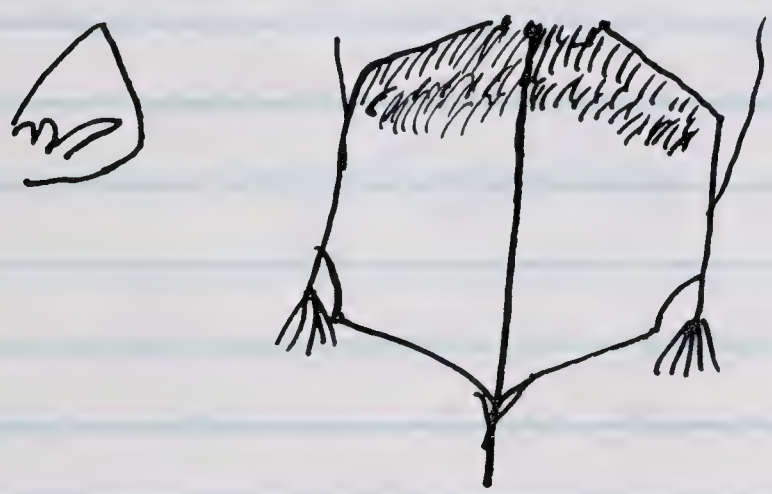
Desc - a yellowish brown above and below.

Pipistrellus ruppellii vernayi

Subfam - Vespertilioninae
Fam - Vespertilionidae
Superfam - Vespertilionoidea
Suborder - MICROCHIROPTERA
Order - CHIROPTERA

KM - 1963 ♀, 21 Sept. 1938, 3330', Borovoi, Barotseland, N. Rho. 45, 32, ♀, 13.25.

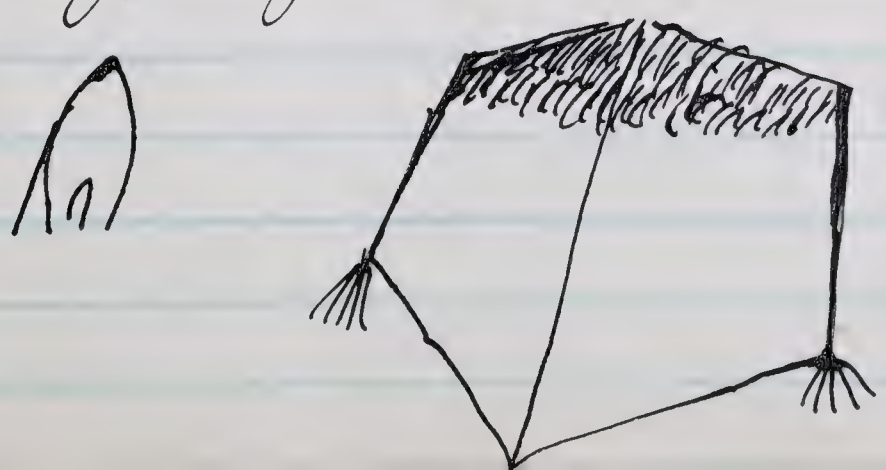
Desc -
Above grey black, ears black, membrane brown (~~black~~), below white, small bat.



Pipistrellus nanus australis

KM - 1907, or, 24 July 1923, Port St. John Dist. W. Pondoland, 500', H.H. Swinny, 39, 29, ♂, ♀.

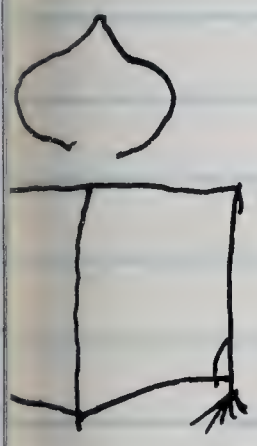
Desc - a dark cinnamon brown, membranes black or very dark brown, slightly paler brown below on body, very small.



African Leaf-Nosed Bat

Hipposideros caffer caffer

Genus species - Hipposideros caffer caffer,
Sub family - Hipposiderinae
Family - Hipposideridae
Super family - Rhinolophoidea
Sub order - MICROCHIROPTERA
Order - CHIROPTERA



EX - KM-1843 ♀, 2 June 1916, nr. Chiromus, Nyasoland, 200 ft, wood, 53, 29, 6.5, 13.5,

Description -
Light brown above, pale grey brown below, ears with fur on outside, pale brown inside no hair, all membranes light to medium brown, tail ½ length of body.

Hipposideros caffer (ruber)

KM - 1841 ♀, 1934, Bomo, Ft. Jameson, N. Rho. D. G. Lancaster, no measurements.

Desc - an orange brown above, lighter orange below, membranes brown, ears brown and tips outside bare of fur, ears and tail membranes same shape as H. C. C.

Tom Larson

Collected

Cape Slit-Faced Bat

Genus species - Nycteris damarensis
Family - Nycteridae
Superfamily - Rhinolophoidea
Suborder - MICROCHIROPTERA
Order - CHIROPTERA

Example specimen - KWT. Mus. No. 3075 ♂
1 May 1927, G.C. Shortridge, Otjitundua
c. Kaokoveld, S.W. Afr.
HB - 57, T1 55, Hf 11, Ear 36

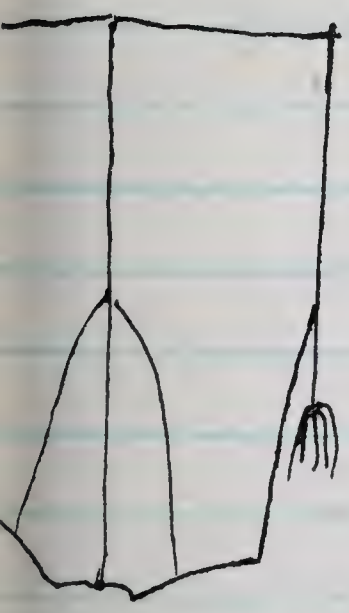
Description

Ear

Head - fur soft, fine, light brown, earsleaf like, large, a light transparent brown with parallel running veins. Very sparse and short hairs on ears.

Body - a light medium brown, hair fairly long, belly a whitish brown.

Tail - about as long as body enclosed in tail membrane which is also attached to legs. Membrane light brown and transparent.



Hindfeet - 5 toes with 5 claws, toes thin and long, claws curved. Membrane attached as far as wrist.

Forefeet - a single modified claw fastened to bend of the wing. Claw attached at end of a finger.

Wings - long, brown membrane. (light brown)

Nyctevis capensis

KM-16590, 1934, Ft. Jameson, N. Rho.
D. G. Lounsbury, no measurements.

Desc - dark brown above, ears, wings, and tail membrane brown, brownish grey below, tail long, ears long and translucent, lighter whitish brown just behind ears, and on shoulders.

Tomes' Pipistrelle

Eptesicops ?

KM - 1901 ♀, 8 Oct 1938, Balovale, Barotseland, N. Rho. 3330', 41.5, 32, 6, 10.

Desc - Very small, brown above, lighter brown below,

Eptesicops rusticus

KM - 1897 ♀, 1 June 1929, Ssonuxoma Village, Grootfontein Dist, S.W. Afr. 1100m, Shortridge, 43, 29, 6, 9.5.

Desc - very small, rusty brown above, pale brown below, ears brown, wings dark brown, tail membrane light brown.

Seabra's Bat

Cistugo seabrae

~~Placotus quritus~~

Subfam - Vespertilioninae

Fam. - Vespertilionidae

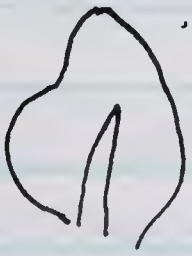
Superfam - Vespertilionoidea

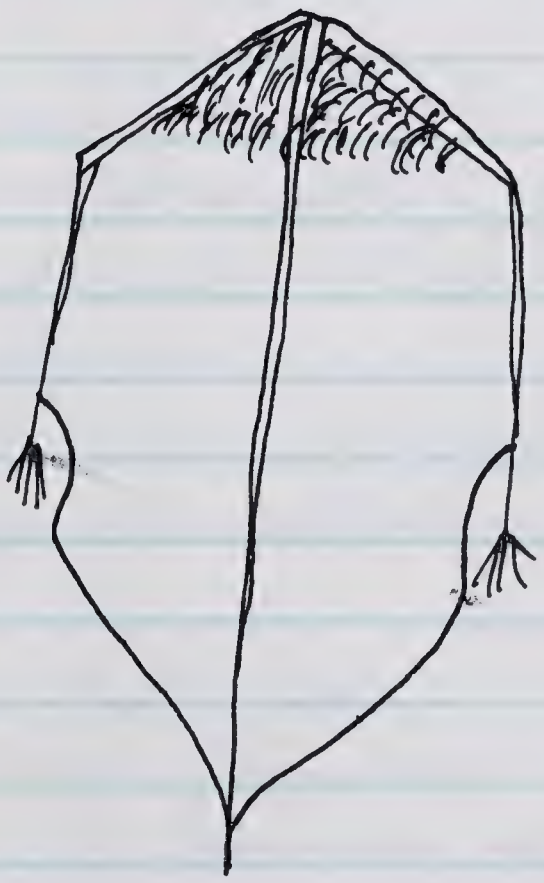
Suborder - MICROCHIROPTERA

Order - CHIROPTERA

KM-1887 ♀, 21 Dec, 1936, Goodhouse, Orange River), Little Namaqualand, 650'
Shortridge, 43, 44, 6.25, 12.

Desc - grey brown above, below whitish grey, ears brown small, wing membrane blackish, tail membrane light brown, very small bat.





Tom Larson

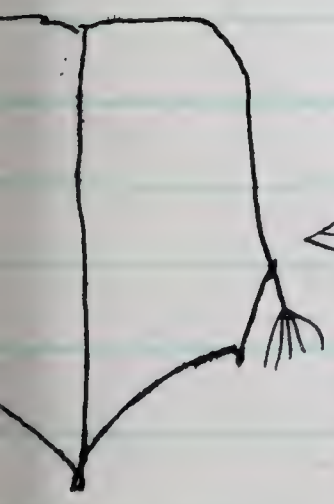
Collected

Cape Serotine Bat

Genus species - Eptesicus capensis
Subfam. Vespertilioninae
Family - Vespertilionidae
Superfam - Vespertilionoidea
Suborder - MICROCHIROPTERA
Order - CHIROPTERA

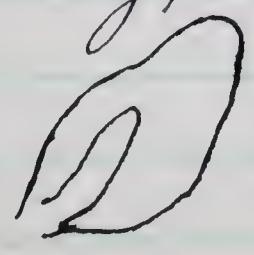
Example specimen - P.E. Mus, No 1462/75 ♀
3 Sept. 47, Maitland Mine 20mi. W. PE. C.P.
L 105 mm - Wings 304 mm -

Description:
Head - very small, dark brown, ears small and pointed.
Body - dark brown soft fur above and below.
Tail - about half as long as body and enclosed in membrane which extends to ankle.
Hindfeet - 5 digits with short curved claws, feet dark brown.
Wings - dark brown. a short digit with a claw extending from elbow of wing.

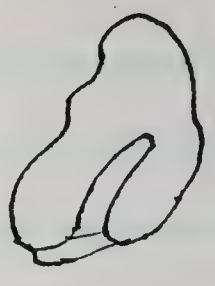


Eptesicus pallidior

KM - 1988 ♀, 30 Dec. 1936, Goodhouse, Orange River, Namaqualand, 650', Shortridge, 70, 50, 10, 18.5,
Desc - light brown above, pale brown below, tail long, tail membrane light brown,

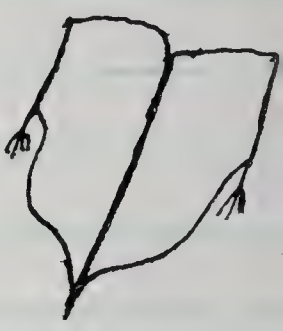


Eptesicus angusticeps



KM - 3 Jan 1938, 3308, TYPE, ♀, Hex River, 10 mi. N.W. of Citrusdal, C.P., Shortridge, 74, 57, 11.5, 17.5.

Desc - ears black, wings black, tail membrane brown, body above medium brown, below grey brown, face black,



Eptesicus pusillus

KM - 2150, ♀, 6 June 1927, Ombombo, Central, Kaokoveld, S.W. Afr. 1400m, Shortridge, 43, 35, 6, 11.5.

Desc - very small, brown above, lighter below, wings black, tail membrane brown, ears small and brown..

Eptesicus C. nkatiensis

KM - 2188 ♀, 11 June 1929, Ssonutona Village, Grootfontein Dist, S.W. Africa, 1100m, Shortridge, 51, 32, 6.5, 12,

Desc - Medium to dark brown above, paler brown below, wings blackish, tail membrane brown, face brown.

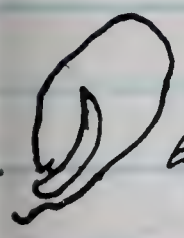
Eptesicus capensis damarensis

KM - 2116 ♂, 27 Sept 1925, Gobabis, S.W. Afr. 4650', Shortridge, 49, 35, 6, 11.

Desc - ~~Light~~ Brown above and below, whitish hairs showing below toward posterior. Tail membrane light brown.

Yellow Bat

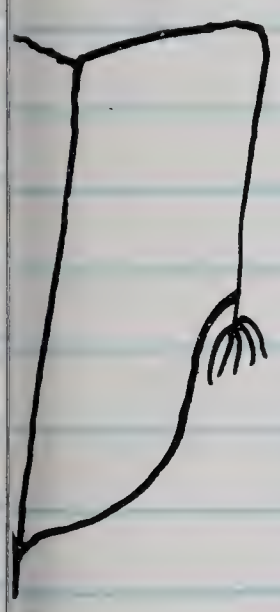
Genus species - Scotophilus nigrita dengeni
Sub fam - Vespertilionidoenae
Family - Vespertilionidae
Super fam - Phyllostomatoidea
Suborder - MICROCHIROPTERA
Order - CHIROPTERA



Example - KM-2418, ♀, 31 oct, 1931,
King Williams Town, Juvenile, 75, 60, 12, 15

Description
Head - brown above, yellowish brown throat, chin brown, ears dark brown.

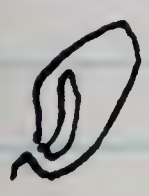
Body - medium brown above, yellowish below, or yellowish brown,
Wings - dark brown,
Tail - long, tail membrane dark brown,
Feet - hind feet 5 fingers with short claws,



Scotophilus viridis damarensis

EX - KM-2370 ♂, 6 June 1929, Ssonnkomo
Village, Grootfontein Dist: S.W. Afr.
1100m, Shortridge, 73, 50, 10.5, 15.

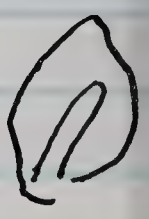
Description - light brown above, buffish below, ears brown, wings brown, face darker brown, smaller than S. n. dengeni.



Scotophilus nigrita herero

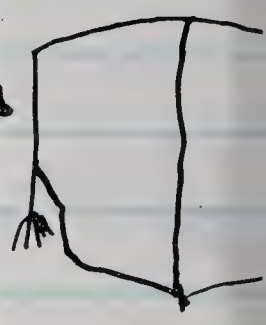
KM-2393 ♂, 28 Nov. 1929, Nuitsas (Fockshop), Grootfontein Dist. S.W. Afr. 1500 m, Shortridge, 78, 51, 12, 17.5.

Desc - Yellowish brown above, bright yellow orange below, wings brown, ears brown, tail long,

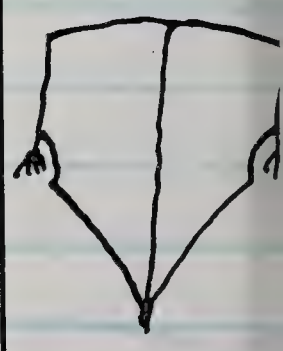


Scotophilus nigrita (Planirostris)

KM-2389 ♂, Nov. 1932, Ft. Jameson, N. Rho. O. Gordon Lancaster, no measurements,



Desc - dark brown above, pale whitish grey below, membranes dark brown, tail long.

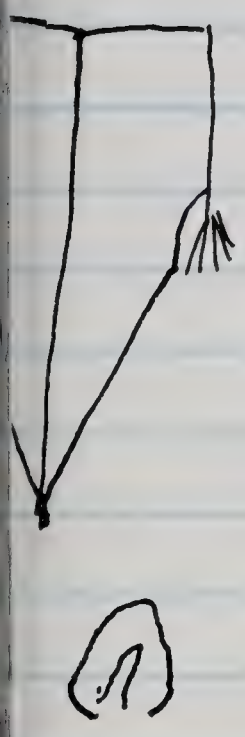


Lawson

Long Winged Bat

Miniopterus desythrux

Genus species - Miniopterus desythrux
Sub family - Miniopterinae
Family - Vespertilionidae
Super family - Vespertilionoidea
Sub order - MICROCHIROPTERA
Order - CHIROPTERA



EX - KM-2354 ♂, 22 Apr. 1940, King Williams Town, C. P, no measurements.

Description -
Above blackish brown, below slightly lighter, membranes brown, tail very long, almost as long as body, 5 toes with claws, ears very small and brown,

Miniopterus n. schreibersi

KM- 22340 ♂, 5 Jan. 1936, Witvley, 40 mi. W. of Gobabis, S.W. Africa, 4700', Shortridge, 62, 59, 10, 13,

(11)

Desc - Dark brown above and below, membranes medium brown, tail same as M.d.

Miniopterus ?

KM-11762 ♀, 8 June 1946, (C), Zomba Plateau, Nyasaland, 5000', Shortridge, 61, 59, 12.5, 12.

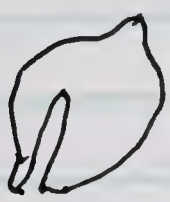
Silver Forest Bat

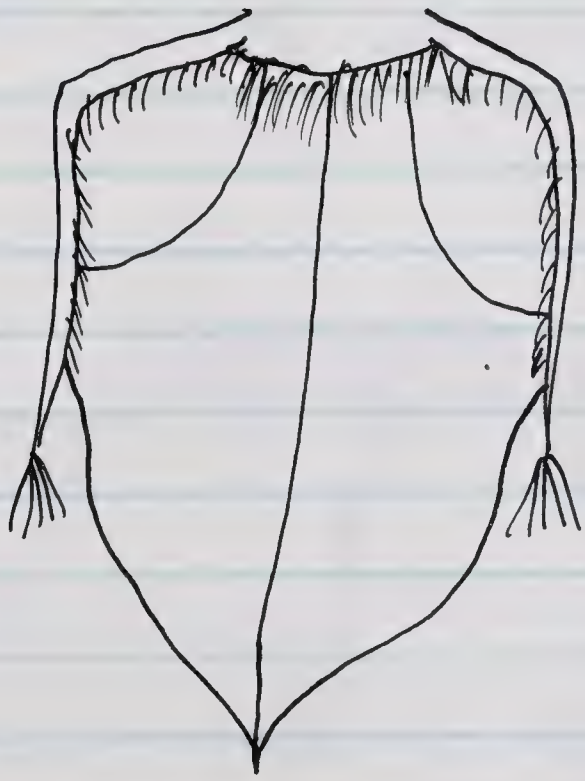
Kerivoula argentata

Subfam - Kerivoulinae
Fam - Vespertilionidae
Superfam - Vespertilionoidea
Suborder - MICROCHIROPTERA
Order - CHIROPTERA

EX - KM-1949 ♂, 24 Sept 1938, 3330',
Bolovale, Bartsceland, 50, 45, 19, 15.

Desc -
Above a ruddy brown, face ~~and below~~ a light slightly ruddy brown, pale below (buffish), wings dark brown, tail membrane light brown, along inner legs fringed with ruddy hairs, ears brown.

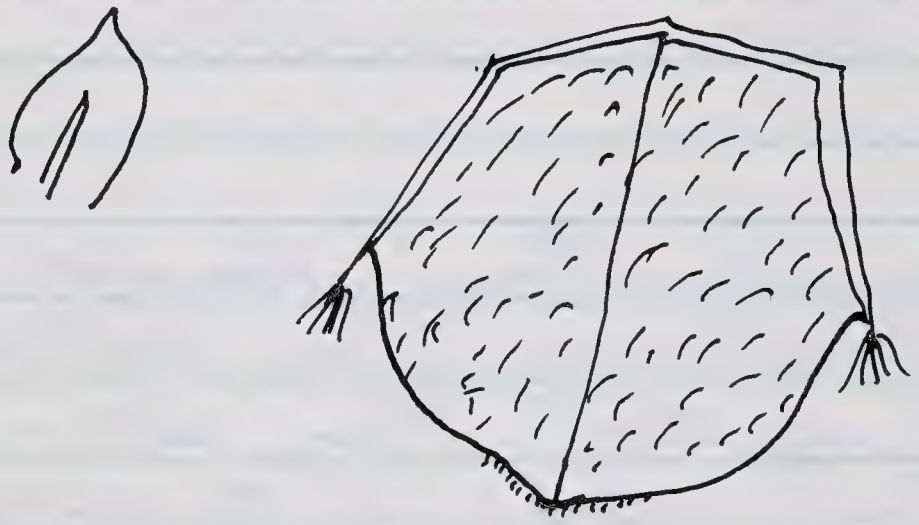




Kerivoula lanosa

KM-1947, 2 Mar. 1912, Pirie Mission, Koffoia, Godfrey, no measurements.

Desc - rusty brown above, lighter below, membranes a brown or light brown, ears light brown, small bat. Hair on tail membrane.



I collected this at Hakawe in Vganiland.

Lawson

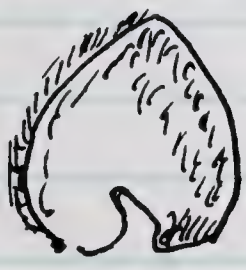
(Tomb Bat)

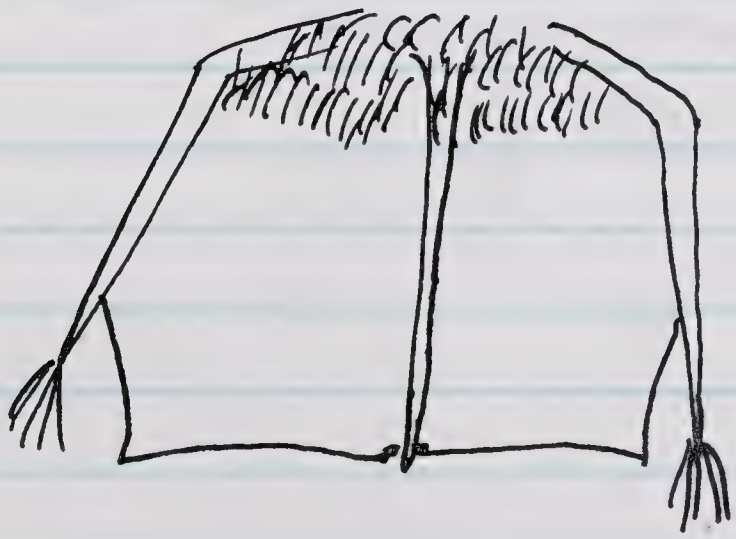
Taphozous ?

Genus species - Taphozous ?
Subfam - Emballonuroidea
Superfam - Emballonursidea
Suborder - MICROCHIROPTERA
Order - CHIROPTERA

EX - KM-11769 ♂, 17 Aug 1946, Koto-Koto, W. Lake Nyasa, 1500', Shortridge, 85, 26, 13.5, 19.

Description
Body above greyish and grey squirrel like color, below white, except for greyish chin, lower half of tail extending outside of membrane, wings white at branch, tail membrane brown, ears brown, sparse hair on inside of ear. Dorsal upper part of tail membrane.





Dorson

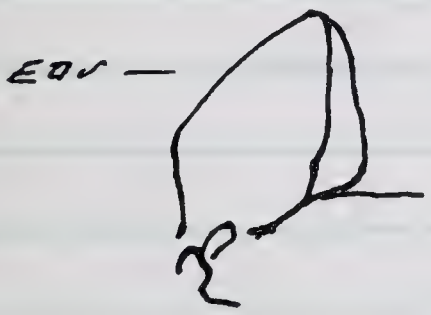
Bocage's Free Tailed Bat

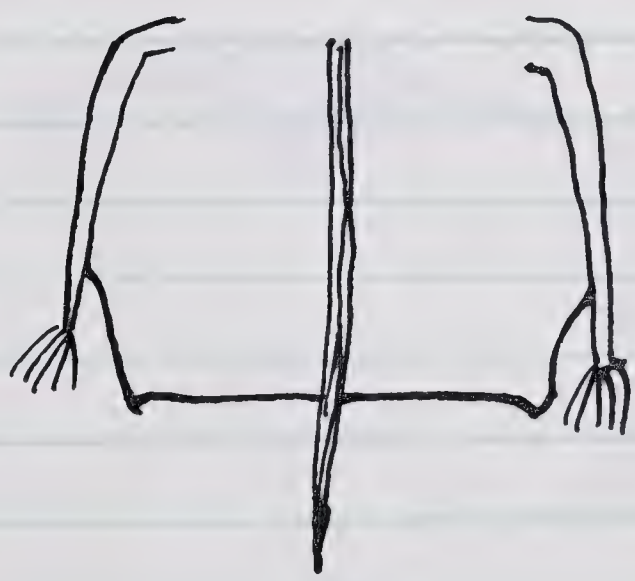
Nyctinomus ?

Genus species – Nyctinomus ?
Fam – Molossidae
Superfam – Vespertilionoidea
Suborder – MICROCHIROPTERA
Order – CHIROPTERA

EX – KM-2562 ♂, 6 Sept. 1937,
King Williams Town, 95, 39, 10, 19.

Desc –
Black above, black below, ears black, membranes very dark brown to black, tail ½ body length, feet small.





Haagner's Free Tailed Bat

Platymops haagneri

Fam - Molossidae
Superfam - Vespertilionidea
Suborder - MICROCHIROPTERA
Order - CHIROPTERA

KM - 2433 ♀, 29 Dec 1936, Good house, Orange River, Little Namaqualand, 650', Shortridge, 58, 40, 8, 16.

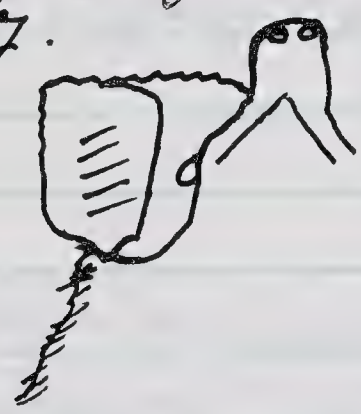
Desc -
Pale brown above ears large and light brown, wing membrane dark brown, tail membrane light brown, below pale brown, tail long.

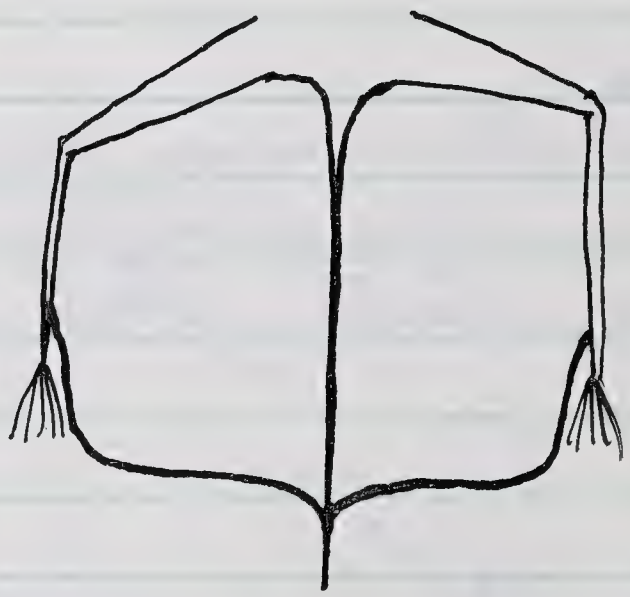
Collected

Platymops haagneri umbratus

KM-2436 ♂ 7 Dec. 1937, Klip huis, 11 mi. N.E. of N.W.C.P., Clanwilliam, 2500', Shortridge,

Desc - greyish brown above, membranes dark brown, ears with a serrated edge in front, lighter greyish brown below, tail ⅓ length of body.





Free-Tailed Bat

Chaerephon (B)?

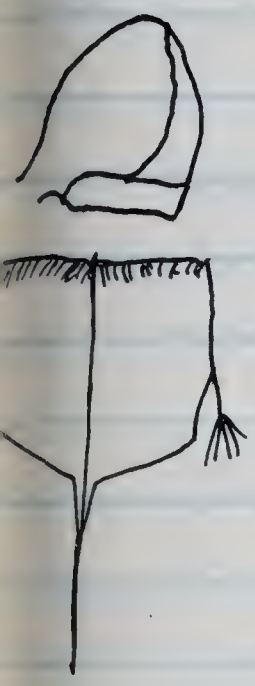
Genus species - Chaerephon (B)?

Family - ~~Chaer.~~ Molossidae

Superfamily - Vespertilionoidea

Suborder - MICROCHIROPTERA

Order - CHIROPTERA



EX - KM-2500♀, 12 Oct. 1938, Balovale, Barotseland, N. Rho. 333⁰, 75, 43, 10, 20.

Description -

Dark brown above, lighter brown below, ears large and dark brown, tail membrane dark brown, wing membrane light brown, tail more than 1/2 length of body, 5 toes with claws, face dark brown.

Chaerophon (a)

KM - 2442 ♂, 13 July 1938, Limalunga, Barotseland, N. Rho. 62, 28, 9.5, 16.

Desc - much smaller than C. (B), lighter brown above, pale brown below on throat, belly whitish brown, tail 1/2 length of body, ears same as C. (B).

Collected

Leopard

us species – Panthera pardus
b fam – Felinae
fam – Felidae
perfam – Feloidea
border – FISSIPEDA
der – CARNIVORA

K – KM – 14422 1922 Katsames,
ington Dist, Orange R. Namaqualand,
od, Shortridge,

esc – ground color a white with a
rusty tinge, toward middle of back
more rufous, toward belly more
white, on face small black spots,
n body larger black spots, ear with
black band in middle, tail long and
ith thin streaks about 3–4" long running
down tail, claws white, pad black.
black upper lip.

Collected

Lion

Genus species - Panthera (leo) leo

Collected

Grey Wild Cat

Genus species - Felis ocreata Caffra

Subfam - Felinae

Fam - Felidae

Suborder - FISSIPEDA

Order - CARNIVORA

KM - 14301 ♀, 31 July 1946, Chungu, S. of MPOFU, Kota-kota Dist, W. Lake Nyasa, 3100', Shortridge, 560, 310, 132, 61.

Desc - Head - whitish on head above nose, eyes rusty red on outside, head above a streaky grizzled brownish grey black, below on chin and throat whitish,

Body - a light grizzly grey brown black above, sides with a ruffous tinge, below whitish ruffous,

Tail - ½ length of body, grey grizzled, black-tipped, 5 black rings toward tip half.

Legs - a light whitish grey with faint black rings (4 or 5), footpads black, forefoot with 4 toes and claws, a fifth toe upon side of foot, 4 toes with claws on hind feet, legs buffish white underneath.

Personal Notes - I have specimens of Grey Wild Cat from Mahapoloff, Mauw, Nyasaland, and Shiraubo, Mgamiland. They are very common in Bechuanaland. I saw one cross the road at night once near Ondonjera, Ovamboland.

Collected

Black footed Cat

Genus species - Microfelis negripes (thomasi)
Sub fam - Felinae
Fam - Felidae
Super fam - Feloidea
Suborder - FISSIPEDA
Order - CARNIVORA

KM- 14342 ♂, 6 Sept 1939, "Madeley,"
Queenstown, C.P, Nanny, 420, 185, 100, 57,
Desc - Head - rose black, black around front of eyes, white marks above nose and above eye, forehead mixed with black stripes, brown, ears white tufts along margin, ears outside dark brown, chin white,
Body - from top of head to tail base color a whitish, ruffous light brown with 8-10 rows of small black dots, sides same and below, on throat white, with 3 black semi circular narrow bands, black and light bands on legs, feet black, tail less than 1/2 length of body, black tipped, with black and light rings.

Felis (microfelis) nigripes

Light Phase - from Bechuanaland, C.P.
No. 14340 ♂, 23 July 1936, Vryburg,
Smit, 430, 165, 100, 47
Desc - same pattern of markings as darker phase only back spots a rusty color, legs with white and black bands, background color above a cinnamon whitish brown.

Personal Notes

I have never seen one of these cats alive. A Bakwena hunter of mine managed to trap one fine specimen for me which was later sent to the American Museum. This represented the first complete specimen to ever go to the American Museum.

I have seen numerous skins at Molepolole, Bechuanaland at the trading stores. Collected several skins while I was there. Saw one complete pelt of skins at an Indian trading store at Molepolole.

Black-footed Cat are rare even where they are most numerous. I believe the largest number are found in the South Western part of Bechuanaland around Kanye and the Molopo River.

I have been to Tlokweng and Ditlene in the Central Kalahari where they are brought in as trade skins from time to time.

In Ngamiland, I never found a native who had seen a Black-footed Cat in this area.

Caracal

Genus species - Caracal caracal caracal
Subfam - Felinae
Fam - Felidae
Superfam - Feloidea
Suborder - FISSIPEDA
Order - CARNIVORA

KM - 14358 ♀, 21 Sept 1938, Balovale, Barotseland, N. Rho, 3330', 810, 310, 190, 78

Desc - ears blackish, lynx like, black around eyes to nose, white mark above and below eye, head a rusty red, white below - Body a rusty red, below under legs and flanks, belly a light rusty white, tail rusty tinge, pads black, claws white.

Serval

Genus species - Leptoilurus serval
Subfam - Felinae
Fam. - Felidae
Suborder - FISSIPEDA
Order - CARNIVORA

KM - 14400 ♂, 20 July 1929, Mbambi (Okavango), S.W. Afr., Greatfontein - Caprivi border, 1070 m, Shortridge, 820, 310, 190, 88.

Desc - head background color yellowish brown or light ruffous brown, small black spots on forehead, spots larger on top of head, ears with two black stripes running across, chin white and upper lip, throat white with a few black specks
Body - neck above with a black streak, a series of black dots and ~~stripes~~ on back to tail, below whitish with a few black dots on belly, tail with 8 black rings, black tipped, legs with small black spots, upper legs with large black marks, feet light above, nails light, pads dark.

Collected

Cheeta

Genus species - Acinonyx jubata
Subfam - Felinae
Fam - Felidae
Superfam - Feloidea
Suborder - FISSIPEDA
Order - CARNIVORA

EX - KM - 14431 ♀, 14 Sept 1945, A596, S. W. Afr, Donion, 880, 520, 240, 70,

Desc - Head - ground color a light ruffous brown, black stripe from corner of eye to corner of upper lip, numerous small black specks on forehead and head top of ears black, chin and throat white. Body - a shaggy mane from back of head to upper back and shoulders of streaky light brown hair, body color light whitish brown with a slight ruffous tinge, numerous black spots all over back and legs and sides, and tail, below whitish brown,
Tail - as described, dark brownish band near tip, tip white.

King Cheeta (Acinonyx jubatus rex)
KM - 14436, 1945, Matopos, S. Rho, Dacomb, total length 6'5",
Desc - Background color pale whitish with a rusty tinge, black mane on neck running into 3 narrow black stripes down back with a broken black stripe on each side running parallel with it, black marks very dark and distinct, some dots, some wide narrow marks.

Civet Cat

Genus species - Civetticus Civetticus
Tribe - Viverrini
Subfam - Viverrinae
Fam - Viverridae
Superfam - Feloidea
Suborder - FISSIPEDA
Order - CARNIVORA

Example specimen, KM , 4 Aug, 1949, ♀
Nampini, Caprivi, 2900', B. Corp.
HB-860, TI-420, Hf-135, Ear 59.

Head - Black forehead and a band from forehead along cheeks to throat, white spot on each side of nose, throat black, head greyish white, extending under ears to side of throat, ears black with white tips, neck greyish white on top giving way to black, on side of neck first a black stripe extending back, then a greyish white stripe, then a black band extending under throat. Black hairs ringed with dark brown, white, black tipped.
Body - Black crest running length of body, alternate bands running vertically of black and whitish, yellowish, grey; Chest black extending down to mid abdomen, then the other color.
Legs - Limbs black, front feet with 5 toes and claws, pads dark, 5 toe small (mostly claw) hind foot 5 toes with claws, 1st toe vestigial.
Tail - black except near base are 4 short bands of the other color, about ½ of total body length.

rson

Collected

Small Spotted Genet Cat

Genus species - Genetta felina
tribe - Viverrini
Subfam - Viverrinae
Fam - Viverridae
Superfam - Feloidea
Suborder - FISSIPEDA
Order - CARNIVORA

Example Specimen, KM. 13820, ♀, June 1940,
Compagniesdrift, W. Lamberts Bay, N.W.C. Prov.
Heyns, No measurements,

Description
Head - nose black, ring around eyes black, black line extending from nose to forehead, chin black, throat grey, whitish below eye, greyish silvery above, behind eye and upon head, blackish behind ear, brown ears.
Body - black stripe from back of head to tail broadening towards back, 2 curved black bands from head to top of foreleg, 6 rows of black ~~spotted~~ spots on each side of midline, 3-4 rows of spots on neck, below medium grey.
Tail - as long as body, 10-11 black rings, 11 silvery white rings,
Forefeet - 5 claws and toes, feet black as well as legs, inner side of leg grey,
Hindfeet - 5 toes and 5 claws, feet black, silvery spots on feet,

Collected.

Genetta albivertris (Rusty spotted Genet)

EX. KM-13645 ♂, 3 Aug. 1929, Andara (Okavango - S.W. Africa, 1060m, Shortridge. HB-530, TI-535, HF 96, Ear-48.

Spots rusty instead of black, spots also larger and fewer than in G. felina. Other color whitish grey, below whitish or brownish grey, tail ringed with rusty black, except tip and last 3 rings which are more black than rusty.

Collected

Genetta tigrina (Large-spotted Genet)

EX. KM-13610 ♀, 20 Nov. 1946, King Williams Town, C.P., A.C. Donion, HB-540, TI-520, HF 115 Ear-60.

Spots larger and fewer than G. felina, black spots with a light rusty tinge on some spots only 7 black rings on tail, tail tipped black, base color the same as in others - whitish grey,

Genetta Sp?

KM-13646 ♂, 8 Oct, 1938, 3330', Balovale, Barotseland, N. Rhodesia. HB. 520, TI-485, HF-102, Ear-3

Seven black rings on tail, tip black, rings ~~toward~~ end run together dorsally, black streak on back from mid bone streaks and spots more mottled rusty brown, and indistinct, background color more brownish white, Legs

Genetta Sp?

KM-13647 ♂, 23 Sept. 1938, 3330', Balovale, Barotseland.

HB-510, TI-515, HF-102, Ear-60.

Either a melanistic phase or a new variety or sub species, Black tail, rings faintly visible, black neck and shoulders black spots, black below, very little lighter color showing

Palm Civet - (Nandinia binotata) ♀, NKowejong, between Lolodorf and Bipindi, Cameroons 1930. - rusty brown with ~~black~~ black spots running down back 9 rows, tail ringed, lighter below

Larson

Collected

Slender Mongoose

Genus species - Myonax caaui

Tribe - Herpestini

Subfam. - Herpestinae

Family - Viverridae

Superfam. - Feloidea

Suborder - FISSIPEDA

Order - CARNIVORA

Example specimen, 1685 ♂, Tom Larson, Murray Farm, 8 mi. E. Pretoria, Transvaal, Nov. 3, 1948, 584-305-64

Description

Head, Ruddy brown, nose dark brown, hairs mottled with bands of straw color, ruddy color, and dark brown giving a general ruddy color. Ears small, oval, close to head. Lighter buff hairs on throat and chin.

Body - Hair a mottled ruddy brown. Hairs with rings of white brown, white brown with a ruddy brown tip in that order. Ventrally more buffy yellow.

Tail - almost as long as body. Last 3-4 inches of tip with black hairs - these hairs 1 to 2" long. Other tail hairs same as those of body.

Forefeet - Pads dark brown, 5 toes with claws, claws brown, 1st toe short and upon side of foot, hair ruddy buffy brown as on body.

Hind feet - 5 toes with claws, pads brown, 5th toe vestigial and on side of foot, hair same as on body.

(Black Slender Mungoose)

Myonax nigratus

KM - 14451 ♀, 9 July 1939, Congo Damel-Ost S.W. Afr. W. Hoesch, 317, 365, 69, 29.

Desc - same size as Ruddy mungoose, blackabove, dark brownish blackon sides, below dark brown, tail as long as body, medium bushy, black, cheeks dark brown as below.

(Kenya Slender Mungoose)

Myonax Cauui suiormayi.

KM - 14466 ♀, 1.10.32, the E. Aberr. Coffee Estates: Kenya Colony, B.E.A. Lt. Col: H.F. Stonehom, O.B.E. no measurements,

Desc - dark grizzled brown above, sides lighter, below brown (slightly rusty), tail 3/4 length of body, tip black,

Corrected

son

Small Grey Mungoose

Genus species - Myonax pulverulentis

Tribe - Herpestini

Subfam - Herpestinae

Family - Viverridae

Superfam - Feloidea

Suborder - FISSIPEDA

Order - CARNIVORA

Example Specimen, Nov. 8, 1948 ♀, (4895)
12 mi S. of Sutherland, C.P. Alt. 4200-4800'
Shortridge-Macaulay. H.B-320, TI-280
HF-62.5, Ear-27.
(partly from Slater)

Description - Grizzled grey above. Also a speckly grey, caused by long hairs being banded with alternate rings of black and white: a woolly under-fur dark brown at the base, lighter above; head and extremities slightly darker than the body; naked area of tarsus a narrow band hardly extending to the heel; tail bushy, not quite as long as body, hairs from 1" to 2" long.

$\frac{3}{3}$ $\frac{1}{1}$ $\frac{4}{4}$ $\frac{2}{2}$

Forefoot with 5 toes, claws short and black, Hindfoot 4 toes. Hair of feet a black grey, Belly lighter and rather ruddy color on lower abdomen and below forelegs in chest area.

Collected

(Large Grey Mungoose)

Herpestes cafer

Described from mounted museum specimen.

Desc – a grizzly grey above and on sides, and slightly, hairs barded with white black, white black (about 9 white rings and 9 black rings), tail long and bushy black tipped, bushier toward base, feet and lower legs dark brown, large like Black water Mungoose.

I got a specimen of Herpestes Cafer at Seronga in Ngamiland Nov. 10, 1950. A native boy caught it with his dog.

Collected

Herpestes ratlamuchi (Ruddy Mungoose)

K/M - 14462 ♂, 12 Sept. 1924, Cunene Falls, N.W. Ovamboland, 3350', Shortridge, 320, 340, 67, 25

Desc – from head to tail a dark rusty Reddish brown, sides a lighter rusty color, below pale rusty, tip of tail black, darker rusty red just before tip, rest of tail rusty Reddish brown, pads dark.

Personal Notes

I collected two specimens of this species, a male and a female, at Wundonderk Cave, 30 miles South of Kuruman, Cape. This pair were active during the day when they were easily trapped. Their bright color makes them easily noticeable.

grson

Nyasaland Mungoose

Genus species - Bdeogale crassicauda

Tribe - Herpestini

Subfam - Herpestinae

Family - Viverridae

Superfam - Feloidea

Suborder - FISSIPEDA

Order - CARNIVORA

Example specimen. 23 June 46, ♂ (14164)
Likabula, Foot of Mlonje Mt. Nyasaland,
G.C. Shortridge, Alt. 2500-3000'
HB-460, TI-270, HF-89, Ear-37.

Description -

Head - a dark brown, top of head more blackish, nose black. Just below ears more Buddy brown.

Body - Dark brown wiped with black. Base of hairs light grey, then yellowish brown fluffy hair, guard hairs ringed with yellow with black tips. Below slightly lighter as yellowish brown under hair shows up more.

Tail - about ⅓ length of body. Black, base of hairs a yellowish brown. Hair about 2" long.

Fore feet - Hair on legs dark brown or black, 4 toes with claws, Claws light brown color. pads dark brown.

Hind feet - 4 toes with claws, hair on legs dark brown to black, foot pad short and dark brown.

(Black Pigmy Mungoose)

Helogale parvula nero

KM-14536, 10 sept. 1977, Otji tambi (near Epembe), N. Kaokoveld, S.W. Afr. 710m, Shortridge, 232, 182, 46, 20.

Desc - grizzled black above to pure black in older young specimen, below same a speckled appearance, small light rusty rings in hair hardly visible. tail ½ length of body, black, bushy, feet black.

Helogale ivori

KM-14524 ♂, 24/1/1978, Lumbo, P.E.A. sea level, Louveridge, 195, 140, 40, 15.

Desc - a grizzled rusty brown, rusty around ears, eyes, cheeks, throat and below, or a ruffus rusty color, same under tail, legs, hairs above ringed with white and black, under hairs giving a rusty appearance, tail ¾ body length.

arson

Collected

Black Water Mungoose

Genus species - Atilax paludinosus
Tribe - Herpestini
Subfam - Herpestinae
Family - Viverridae
Superfam - Feloidea
Suborder - FISSIPEDA
Order - CARNIVORA

Example specimen - KM (768 - collectors no.) ♂,
18 Dec. 1945, Deelfontein (Karoo) C.P.
Shortridge, 4460', ~~H - 2~~ HB-570 TI-275
HF-106, Ear-32,

Description
Head - black with specks of white (rings in hair), lighter brown around eyes and on chin, ears short and close to head.
Body - dark brown to black, underhairs a fluffy light brown that show up when guard hairs have worn off. Guard hairs ringed with whitish, black, white, black, white, black tipped, below more light brown.
Tail - about ½ length of body, black, hairs barded except at tip which is all black.
Forefeet - 5 toes and claws, 1st toe shortest, legs brown below, darker above.
Hind feet - 5 toes and claws, 1st toe vestigial on side of foot.

Meller's Mungoose
(Rhynchogale melleri)

Described from mounted specimen.

Desc - a medium rusty brown above, lighter below, legs darker rusty brown, tail long and bushy, dorsal apex half black tips on hair, basal half hairs rusty brown, large mungoose under hairs light brown.

arson

Corrected

White-Tailed Mongoose

Genus species - Ichneumia albicauda

Tribe - Herpestini

Subfam - Herpestinae

Family - Viverridae

Superfam - Feloidea

Suborder - FISSIPEDA

Order - CARNIVORA

Example Specimen, 21 Dec 43 ♀, (KM 14870) Stuttgart Zoo C.P., A.C. Donion, HB-610, TI-430, HF-135, For 42.

Description

Head - nose black, hair a grizzly brown, white and black ringed hairs, ruff forms behind ear.

Body - Long, under hairs a fluffy yellowish white, guard hairs banded white, black, white, black tipped giving a grizzled appearance.

Tail - about as long as body without the head, white-tipped, other tail hairs banded white black, white tipped.

Fore feet - 4 toes with long dark claws, pads brown, feet and leg hairs black,

Hind feet - 4 toes with long dark claws, middle toes longest, a fifth toe vestigial and well up on above foot pad, with a short claw, pads dark brown, foot and leg hair black.

1 ♂ 1 / ♀ 2

Herpestes cauui swalius

KM-14515 ♀, 21 Sept. 1923, Great Brukaros Mts, Berseba Dist, S.W. Afr. 3500-5202', Shortridge, 275, 305, 60, 21.

Desc - a grizzly light above, ground hairs banded of black and yellowish, yellowish tipped, a barred appearance across back, head a grizzled rusty brown, below yellowish brown, pads of feet dark, tail long and medium bushy black tipped, rest of tail like body.

Larson

Collected
Ngami, land
(Maun)

Selous' MierKat

Genus species - Paracynictis selousii
Tribe - Herpestini
Subfam - Herpestinae
Family - Viverridae
Superfam - Feloidea
Suborder - FISSIPEDA
Order - CARNIVORA

Example specimen - 2 Aug. 1938 ♀, (KM 14136)
Limalunga, Barotseland, Alt. 3330'.
H.B. 460, TT-290, Hf-105, Ear-37

Description
Head - A silver grey color more pronounced around eyes, ~~snout~~, sides of head, chin more buff color, top of head more grizzle brown, buffish behind ears. Long hairs anterior to ears.
Body - A yellowish brown-grizzled, base of hair slaty with yellowish tips, guard hairs banded with white, black, with white tips. Belly hairs softer and fluffy greyish white.
Tail - 3/4 length of body, white tipped, hairs long and coarse, hairs banded with white black, white tipped.
Forefeet - 4 toes, claws long and dark, pads black, foot above black legs dark brown.
Hindfeet - 4 toes, black long claws, pads dark, hair on foot black.

4 2
4. 2

Personal Notes

I got one specimen of Selous Mudrat on the airfield at Maun, Ngamiland, in Bechuanaland. Always one or more burrows were in a group. I believe all these burrows have been made by this animal. I saw their droppings at the entrance of their burrows.

grson

Collected
Southwest Africa
Molepolole-Bech.

Bushy Tailed Mier Kat

Genus species - Cynictis penicillata
Tribe - Herpestini
Subfamily - Herpestinae
Family - Viverridae
Superfam - Feloidea
Suborder - FISSIPEDA
Order - CARNIVORA

Example Specimen, Jan. 20, 1931 ♂, KM. 14085
Fort Beaufort, C.P., J.K. Turnbull,
H.B. - 380, TT-260, HF-75, Eqr-42

Description - from Sclater
Head - General color yellowish brown to pale yellowish grey; hair on the body soft and short, fur slaty at the base, then light yellow, the tips of the longer hairs ringed brown and white, below paler white; head like the back, chin and throat white; ears dark brown posteriorly but with white hairs along the margin; limbs somewhat pale, claws very dark, five to fore, four to hind limbs; tarsus hairy behind the toe pads; tail about as long as the body without the head, covered with long thickset hairs giving it a somewhat distichous, bushy appearance, tail hairs yellow at the base and tip with a broad black band between; tail tip usually white; iris of eye bright red. Skull resembling that of H. gracilis but a little larger with a more inflated bulla, having a vacuity in its floor; lower jaw with 4 premolars.

4/4 2/2

Bradfields Meerkat

(Cynictis penicillata bradfieldi)

Described from mounted specimen.

Desc - a ~~sandy~~ light brown above, lighter below, tail long and bushy, white tipped, barred black and light straw brown hairs in tail, a slight rusty tinge above due to rusty brown bands in guard hairs, under-hair light ~~white~~ yellow brown, feet yellow brown.

orson

Collected

Slender Tailed Meerkat

Genus species - Suricata suricata
Tribe - Suricatini
Subfam - Herpestinae
Family - Viverridae
Superfam. - Feloidea
Sub order - FISSIPEDA
Order - CARNIVORA

Example specimen, 2246 → Tom Larson, July 11, 1949, 5 mi. E. Port Nolloth, Namaqualand, S. Afr. 469-171-69

Description

Head - black margins around eyes, nose black. Ears black. Hair a fawny grey.

Body - Shoulders fawny grey - soft - giving way to bands across back of dirty white, and brown. Sides fawny grey, basal hair more yellowish, grey at base near skin. Belly darker fawny grey with a yellowish tinge.
Tail - about half length of body, tip 2" black, rest of tail hairs a mottled fawny brown, base of hairs a light buff. Lower tail more yellowish buff.
Forefeet - 4 toes with long black curved claws. Pads black. Hair on feet fawny grey.
Hindfeet - 4 toes with black curved claws, pads black, hair yellowish white on foot.

Collected

Lutototo - Schuong

Banded Mungoose
(Mungos mungo grisonax)

KM - 145607, 31 Aug, 1924, Otjumbumbi Cunene River (15 mi above falls), N.W. Ovamboland, 3400', Shortridge, 385, 275, 80, 25.

Desc - lower half of back with black and rusty yellow bands to tail base, 15-20 black bands, equal no of light bands, (across back)) a grizzly grey upper half of back, neck, and head, below a rusty grey brown, tail 3/4 length of body, tail tip dark brown, grizzly black, and light brown, nails dark brown and long.

arson

Thukwe - Dankwena

Collected
Makapolale

AArd Wolf

Genus species - Proteles cristatus
Subfam - Protelinae
Family - Hyaenidae
Superfam - Feloidea
Suborder - FISSIPEDA
Order - CARNIVORA

Example - 20/10/1936 ♂, Komiesberg (Witwater plateau) W.C. prov. 3500', Shortridge.
720, 260, 162, 100.

Description - ~~guard~~
Head - Nose black, from nose to eyes grey and hairless, black around eyes and a V on forehead headabove grey, cheeks, throat whitish, ears grey.
Body - Yellowish fawny background color with 5 black horizontal bands running across body, a ~~black~~ black or mane running from neck to tail, below whitish yellow.
guard hairs banded, brown, light, black, light, black tipped.
Tail - short shaggy long hairs with black tips and yellowish brown, then brown and yellowish brown bases.
Forefeet - black 4 toes with black stubby claws, black hairs around claws, pads black, legs yellowish brown with 1 black band below 1 toe vertical no. 1 and upon side of foot.
Hindfoot - pads dark, claws dark legs colored as forelegs only with 3 black bars on leg.

Paintbrush yellowish?

Collected
(Skull only)

Brown Hyaena

Genus species - Hyaena brunnea
Subfam - Hyaeninae
Family - Hyaenidae
Superfam - Feloidea
Suborder - FISSIPEDA
Order - CARNIVORA

Ex. Spec - KM - 14947 ♂, 16 Dec. 1947, Wildspitsberg, between Queenstown and Sterkstroom, C.P. 1195, 240, 210, 160.

Description
Head - Dark brown above and below streaked with a lighter brown. Ears light brown.
Body - Brown, (dark) above and below, long shaggy coarse hair, base of hairs light brown, tips dark brown, belly part with light brown hair,
Feet and legs - fore legs dark brown to black, lighter underneath, 4 toes with thick short black claws & 5 toe vestigial on side of foot.
Hind legs - dark brown, rather spotted, pads black claws black 4 toes.
Tail - short with long dark brown shaggy hairs.

Complete
(Skull only)

Spotted Hyaena

Genus species - Crocuta crocuta
Subfam - Hyaeninae
Family - Hyaenidae
Superfam - Feloidea
Sub order - FISSIPEDA
Order - CARNIVORA

Ex. Spec. KM - 14958, Sept. 28, ?,
Omaruru, S.W. Afr. Capt Blyth, no, measurements,

Description
Head - brown, streaked with dark brown, light brown below
Body - above brown (light) with numerous black spots running down back, below blackish brown, hair coarse.
Tail - short, long black hairs on end tassel-like, basal tail hairs spotted like on body.
Forefeet and legs - 4 toes with short thick dark claws, pads dark, a fifth vestigeal toe on side of foot; legs spotted black, feet above brown.
Hindfeet and legs - 4 toes with claws, pads black, legs brownish and also with black spots.

Cape Spotted Hyaena

Genus species - Crocuta Crocuta Capensis

once exhibit in museum show case.

Only specimen. Now extinct.

Tom Larson

Collected

Black-Backed Jackal

Genus species - Canis mesomelas
Subfamily - Caninae
Superfamily - Canoidea
Suborder - FISSIPEDA
Order - CARNIVORA
Superorder - FERAE
Cohort - FERUNGULATA

KM - 13412 ♂, 1 July 1947, Izeli; W. Kingwilliamstown, C.P., A. C. Donon, 780, 320, 160, 110.

Desc -

Head - a rusty fluffous speckled with white tipped hairs, nose rusty reddish, ears, rusty red above, chin and throat a whitish brown.

Body - back a streaked black and white above narrowing to a V at tail, a distinct black band on side of upper back, sides and flanks a rusty red, rump ~~rusty~~ rusty red, white below,

Tail - Blackish above on hair tips, hair below is whitish brown, tail black tipped,

Legs. - rusty red above, below rusty white,

Feet - same as other jackal, pads black, claws dark black.

Tom Larson

Collected

Side-Striped Jackal

Genus species - Canis adustus

Subfamily - Caninae

Superfamily - Canoidea

Suborder - FISSIPEDA

Order - CARNIVORA

Superorder - FERAE

Cohort - FERUNGULATA

KM- No no. yet, ♂, 24 July 1949, Linyanti, E. Caprivi, 2900', Carp, 750, 370, 180, 98.5,

Desc Head - Above a light brown, ears darker, below a whitish brown.

Body - Above a streaky light brown with black and a little buffy showing owing to rings of guard hairs being black, white, black tipped, underfur ruffous brown, below whitish, a faint black stripe running down each side, tail white tipped, short and with black and light brown and ruffous showing, legs ruffous on upper part, lower a light whitish brown, forefeet with 4 toes with blackish claws, white tipped, hindfeet - 4 toes with black claws, pads black.

Ian Larson

Collected

Delalande's Fox

Genus species - Otocyon megalotis
Subfamily - Otocyonnae
Superfamily - Canoidea
Suborder - FISSIPEDA
Order - CARNIVORA
Superorder - FERAE
Cohort - FERUNGULATA

Example - KM-13511 ♂, 7 June 27,
Ombombo. C. Kaokoveld, S.W. Africa, 1400m,
Shortridge, HB-550, TI-270, HF-135, Ear-125.

Description
Head - face black and chin, forehead extending back to inside of ear silver color, ears long and black, top of head greyish brown tinged with silver, throat rubitish fauna buff.
Body - Back a grizzly silver grey with black streaks, underhairs slaty at base, buffy tips, guard hairs ringed with black, white, black tipped, below a rubitish grey.
Tail - about 2/3 rds length of body, end half of tail black, bushy, 1st half silver,
Front foot - 4 toes with nails, a fifth toe no. 1, well up on inner side of foot above pads, with a claw, vestigial, feet and legs black above, lighter underside.
Hind foot - 4 toes with claws, legs and feet blacks above, lighter below.

Arson

Collected

African Silver Fox

Genus species - Vulpes Chama
Subfam - Caninae
Fam - Canidae
Superfam - Canoidea
Suborder - FISSIPEDA
Order - CARNIVORA

EX - KM. 13525, ♂, 10 Jan. 1938,
Compagnies Rest, Nr - Lamberts Bay, N.W.C.P.
100', Shortridge, HB-470, TI-345, HF138, E on 103

Description

Head - Nose reddish brown, darker around eyes, head reddish buff, hairs ringed with brown, white, reddish, under hair slatish, ruffous tipped, black chin with a brownish ruffous center, throat whitish ~~buff~~ ruffous, ears ruffous, inner hairs whitish,

Body - a greyish silver color, hairs ringed with white, black tipped, under hairs slate grey then fawn, below whitish ruffous,

Tail - 4/5 ths length of body, black tipped hairs, whitish ~~buff~~ ruffous with black tips, below at base light ruffous.

Feet - front 4 toes with claws, pads with dark brown fur, tan ruffous legs (brownish ruffous),

Hind feet - 4 toes with claws, pads dark brown, ruffous tinge, legs pale whitish ruffous below, above darker.

Cape Hunting Dog
(Wild Dog)

Collected

Lycaon pictus

Genus species - Lycaon pictus
Sub fam - Simocyoninae
Fam - Canidae
Subfam - Canoidea
Suborder - FISSIPEDA
Order - CARNIVORA

KM - 13328 ♂, 25 Nov. 1929, Nuitsas, (Jochshof), Grootfontein Dist, S.W. Afr. 1500 m, Skaberge, 1040, 385, 235, 172,

Desc - Head - black nose and face below eyes throat and chin except for a white spot on middle of throat, black stripe from nose to top of head, ears black, head above a whitish brown, ~~rusty~~ pale ruffous or orange between ears, ears fairly long and pointed.
Body - a mottled mixture of colors, white, black, brown, ruffous on legs back and below.
Tail - white.
Legs - mottled same as body.
Forefeet - black pads and claws, same for hindfeet.

Personal Notes

Saw three wild dogs one night while driving to N x 91 - N x 94 on the road in Western Nganiland which goes to Grootfontein in South West Africa. My companion and I saw three packs of eight in the road ahead of us as

we stopped the car. The three wild dogs crouched low and slunk. Kept towards us. My companion Lionel Palmer got on the running board and fired at the closest dog 15 yards away, and hitting it in the neck. The dog fell down and started growling and kicking. The other two dogs slunked away. I ran up to the dog to put it out of its misery. As I did so, I heard low growls in the bushes off to my side. I beat a hasty retreat as I didn't want to be attacked by ferocious wild dogs. These dogs have the instinct of Cannibalism. If I'd known before I could have killed all three dogs, as they would have returned to eat the one fallen dog. They are tough and tenacious of life when given a mortal wound.

arson

Spotted-neck otter

Genus species - Lutra maculicollis chobiensis
Subfam - Lutrinae
Fam - Mustelidae
Suborder - FISSIPEDA
Order - CARNIVORA

Example Specimen - KM (not given yet) ♀, 23 July 1949, Linyanti E. Caprivi, 2900', B. Carp, HB-640, TI-380, HF-122, Ear 18.5

Head - black or very dark brown, cheeks dark brown, little white on upper lip, throat dark brown, neck with white irregular spots.
Body - Black above on sides, very dark brown below, several faint white spots near posterior ventral quarters.
Tail - black, ½ length of body.
Fore feet - 5 toes and claws, foot webbed, and dark brown,
Hind feet - 5 toes with claws, webbed, 1st toe and shorter than others, pads dark brown, feet hair brown.

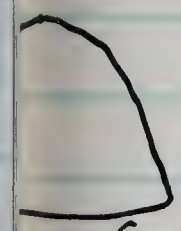
arson

Cape Clawless otter

Genus species - Aonyx capensis
Subfam - Lutrinae
Fam - Mustelidae
Superfam - Canoidea
Suborder - FISSIPEDA
Order - CARNIVORA

EX - KM - ♂, 4/1/28, Prev Pirie Forest Dam, King Williamstown, C.P., Mr. Knight, 830-510-160-30

Desc - a dark brown above, fur soft and about ½" long, face whitish brown on sides back to throat, and on chin and throat, brown below on body and tail, ears very minute, light tipped, tail brown and ½ length of body, foreand hind legs brown, forefeet 5 toes without any claws, pads black, hindfeet - webbed, 5 toes only vestages of claws.



Corrected

Ratel

Genus species – Mellivora Capensis
Sub Fam – Mellivorinae
Fam – Procyonidae
Suborder – FISSIPEDA
Order – CARNIVORA

KM – 13234 ♂, 2 Aug. 1929, Andara, (Okavango), S.W. Caprivi, S.W. Afr. 1060 m, Shortridge, 720, 245, 109, 30.

Desc – face, neck, legs, below, tail black coarse hair, forehead back to base of tail a grizzle black and white, most white along the margin, legs powerful, forefoot 5 toes with powerful long big claws, hindfeet 5 toes with short claws, pads black. powerfully built, tail less than ½ length of body.

Personal Notes

Collected two Ratels, one in South West Africa near Okahandja, and one near Molepolole, Bechuanaland. Neither specimens were caught by me. A native boy brought me one from Molepolole. I have seen their diggings and dens in Northern Rhodesia. I could tell it was a Ratel by its because I saw beeswax and honeycomb scattered at the opening of an old ant bear hole.

We lucky enough to see a Petrel
at the Wilderness in the Cape. We
were sailing on a steamer in the late
afternoon.

Polecat

Striped Muishond

Genus species - Ictonyx striatus

Subfam. - Mustelinae

Fam - Mustelidae

Suborder - FISSIPEDA

Order - CARNIVORA

Example specimen - 16 Oct. 1948, ♂ (KM 14894)

Orinway Farm, Albany Dist. C.P. 2200'-2800'

Shortridge - Macaulay. HB. - 380, TL. 220,

HF-58, Ear 29.

(From Slater)

Description - Form slender; general color black with four longitudinal stripes of white divided by three narrower black ones which run from behind the occiput to the root of the tail; the median black stripe being somewhat widened over the pelvis; rest of the body and limbs entirely black. A woolly under-fur is present as well as an outer longer fur, the latter being very soft and fine. Fore feet with large claws, especially those of the three middle toes; claws of the hind feet much smaller; all slightly curved. Head with a pointed snout, black with three white spots on the forehead and cheeks; ears small and rounded, black with a narrow white margins along the upper part of concha; tail nearly as long as the head and body, clothed with long hairs mingled black and white in different proportions; tips generally white; young, with a very short completely white tail.

$\frac{3}{3}$ $\frac{1}{2}$ = 34

Personal Notes -

I collected over forty Natal's Polecats at Muleposlope, where they seem to be especially numerous easy for natives & dogs to hunt. Caught one specimen in Series, Manageable. Have seen dead polecats on the road in different parts of the Union of South Africa. Have seen several at night in a pasture at Saldhana Bay in the Cape.

Kept a wounded polecat alive for several days. Fed him milk, raw eggs, and meat while his badly damaged front foot was healing. At first he was ferocious and have strangled by a native who brought him in.

This specimen had remarkable powers of recovery. While he was healing, he let me come close to feed him and put medicine on his foot. In a few days he was almost completely recovered. He then was a wild savage beast. At night he tore furiously at the wire and floor of his enclosure. When I came near, he let out a terrifying scream and jumped at me. I believe the polecat to be a fierce and brave fighter.

African Striped Weasel

Genus species - Poecilogale albinucha

Sub fam. - Mustelinae

Family - Mustelidae

Super fam - Canoidea

Suborder - FISSIPEDA

Order - CARNIVORA

EX. Specimen - KM-13204 ♀, 18 July 1938, 3330', Limalungo, Barotseland, N. Rho. 245-138-35-19

Description

Head - white above, black face, throat, white chin, upper lips white, lower black.

Body - odd design, black middle stripe, another on each side, black shoulders and below

Tail - whitish grey above and below.

Fore feet - legs black, 5 toes with curved short claws, 1st toe short and on side of foot, claws light, palms brown.

Hind feet - legs black, feet black, 5 toes with claws.

Tom Larson

South Western ~~Ground~~ Striped Squirrel

Genus species - Funisciurus Congicus

Tribe - Funambulini

Subfamily - Sciurinae

Family - Sciuridae

Superfamily - Sciuroidea

Suborder - SCIUROMORPHA

Order - RODENTIA

Example Specimen - KWT-MUS, Shortridge, ♀, 21 Oct. 1924, 3370', No. 1454, UKuambi, Central Ovamboland. HB-162, TI-104, Hf 39, Ear-17

Description -

Head - a rather mottled brown mixed with black and golden color, white around eyes, whitish below on throat and chin, whiskers fine, long, black. Ears small with short whitish hairs,

Body - a medium brown intermixed with black and brown, 2 long white stripes about 1/4" wide extending from shoulders to flanks, sides greyish, below a whitish gray.

Tail - a mottled brown, black and light brown (hairs banded - black toward tips)

Forefeet - 4 toes with black claws, pads bare and dark, hair on foot light gray white.

Hindfeet - 5 toes with dark claws light tipped, pads dark and bare, light hair on feet

Tom Larson

South Western Striped Squirrel

hairs extending over Claws.

Mammae - 6 (2 pect., 4 abdom).

Collected

Grey footed Squirrel (subspecies)

Genus species - Paraxerus Capapi sindi

Tribe - Funambulini

Subfamily - Sciurinae

Family - Sciuridae

Superfamily - Sciuroidea

Suborder - SCIUROMORPHA

Order - RODENTIA

Example specimen - 1803 ♀, Tom Larson, Dec. 7, 1948, 5 mi. W. Luanshya, N. Rhodesia, 440-225-45

Description,

Head - Rusty grey course hairs. Ringed hairs black at base, then yellowish white, black, tips yellowish white, ears short and covered with short yellowish white hairs. Whiskers fine and black. throat a dirty yellowish white.

Body - a mottled buffish brown or reddish brown, striped with greyish brown. Hairs ringed as on head. Streaked appearance. Below a light yellowish white or light brown. Hair very scarce on abdomen. 2 pr. mammae aft, one pr under front legs.

Tail - As long as body. a rusty brown color with alternate rings of straw color and rusty brown, darker towards tail tip.

Front feet - 4 distinct toes with claws, 1 rudiged toe without claw (no. 1), palm dark brown, grizzly grey hair on foot above

Hind feet - 5 toes with claws, pads and claws dark brown. 5 toe shorter than others. Hair grizzly grey.

Tom Larson

Collected

Grey footed Squirrel

Genus species - Paraxerus ~~capapi~~ Capapi

Tribe - Funambulini

Subfamily - Sciurinae

Family - Sciuridae

Superfamily - Sciuroidea

Suborder - SCIUROMORPHA

Order - RODENTIA

Example specimen - KWT. Mus, Shortridge, ♀, No. 6741, 3 June 1929, Alt. 1100 M, Scanu Kanu Village, Groot-fontein Dist. S.W. Afr. (Personally Collected)
young - HB-150, Hf-43, Ear-19

Description

Head - whiskers black and long, head a chestnut brown, becoming darker toward neck, white around eyes, cheeks and behind eyes a whitish grey, chin and throat white. Ears small, light hairs.

Body - grey brown mixed with black and an under buffish coat. Hair at base a dark grey. Below a whitish grey.

Tail - long hairs, thick, a mottled black-grey - brown above, below buffish with black and light bands in hair.

Forefeet - 4 toes, 4 claws, pads bare - brown, buff hairs on toes, tufts protruding out beyond claws, legs buffish.

Personal Notes

Have taken many specimens of this squirrel at Inkpaleko in Bechuanaland, at Mawa in Ngamiland, at Shakawe on the Okavango River, and near at Seronga. They are numerous in Bechuanaland where ever there are trees. This squirrel is easy to take with dogs. The natives smoke them out of hollow trees.

During the day these squirrels are active. They feed on vegetation and seeds and scamper about on the ground and through the trees.

Tom Larson

Grey footed Squirrel

Hind feet - 5 toes with strong curved claws, pads bare and brown, brownish buff hair on foot with tufts extending over claws, legs with brownish buff hair.

Mammae - 6 (2 pect. 4 abd)

Tom Larson

Collected

Dgmura Ground Squirrel

Genus Species - Geosciurus inauris

Tribe - Xerini

Subfamily - Sciurinae

Family - Sciuridae

Superfamily - Sciuroidea

Suborder - SCIUROMORPHA

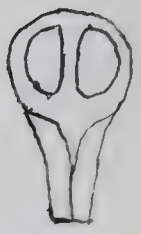
Order - RODENTIA

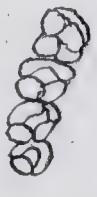
Example specimen - KWT- Mus, Shortridge, ♂, No. 11425, 27 Jan. 1946, Lady Grey, C.P. Alt. 5260-7500'. H-B-230, TI-195, HF 64, EOr-12

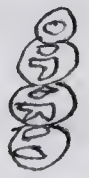
Description -

Head - all hair short and course, head and forehead a streaky ~~dark~~ brown mixed with light brown, white hairs around eyes and extending down along side of face. Whiskers long and black. Long black eye brow hairs though very sparce. Ears small and not protruding, merely a hole in side of head. Lighter around ears, ~~dark~~ brown patch between eye and ear. Chin and neck is a dirty white.

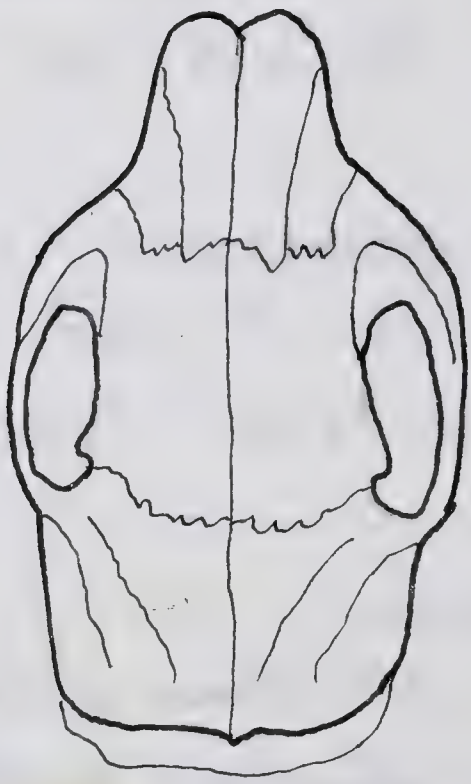
Body - course brown hairs as on head, two white stripes, one on each side extending from shoulder to hip, lower half of side is a dirty white band which continues on

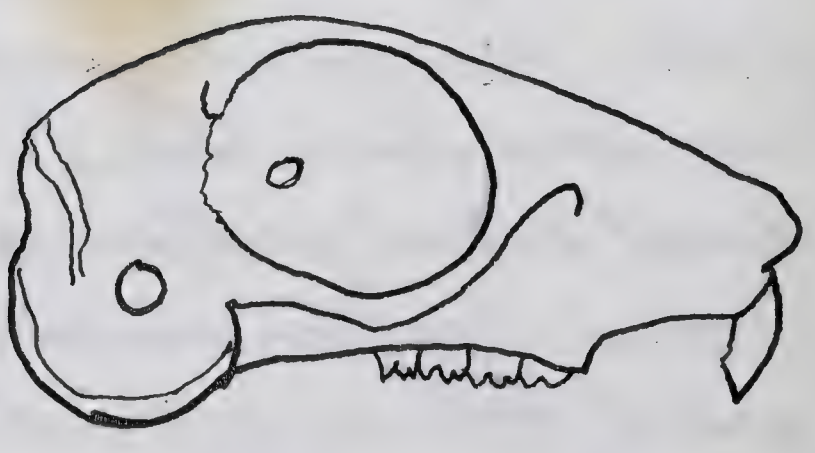






(lower molars) (lower incisor) (upper molars)





Tom Larson

Damara Ground Squirrel

around lower ventral side. Skin is dark brown and belly has bare spots esp. on under side of front and hind legs.
Tail - about as long as body. Toward middle and extremity hairs about 1½" long, hairs white at base, dark brown in the middle and white tipped. Below about 2" of tail base is a dirty white, above a dirty light brown.
Forefeet - 4 toes and 1 long black claws with light tips. Pads black, hair on foot a dirty white.
Hindfeet - 5 toes and 5 black claws light tipped, claws long, pads black, hair on foot whitish.
Mammae - 6

S. African

(Sciurus Capensis) Cape Ground Squirrel

KM-9958 ♀, 20 Nov. 1945, N. Crodock, C.P. Arends, 265, 200, 64, 11.

Desc - same as damarensis or nearer, only darker rusty brown, white side stripes more pronounced, tail black in middle, white around edges all way around.

Personal Notes

Have collected the Damara Ground Squirrel
on Jakkalsputs Farm, near Windhoek S. W.
Africa, as well as at Luitbus, in the
Central Kalahari. They are common
in the open plains of South West
Africa, and Bechuanaland. See them
as you drive along in the day time.
They are usually found in Colonies.
In South West they often make their
interconnected burrows in low bushes.
They feed out from their burrows
but never go far from their covers.
If any disturbance they sit up on
their hind legs - and scamper off
rapidly when approached too close.
They are easily caught by placing
a small steel trap in their
runway. According to my observations
they do not depend on water to survive.
They seem to get all their moisture
from succulent plants.

arson

Crested Hamster

Genus Species - Lophiomys ibeanus
Sub fam - Microtinae
Fam - Cricetidae
Superfam - Muroidea
Suborder - MYOMORPHA
Order - RODENTIA

KM- 4199 ♂, 6 Dec. 1910, Soloi - Mt. Kenya, B.E.A. 9000', Rudd and Kemp, 306, 169, 50-3, 31.

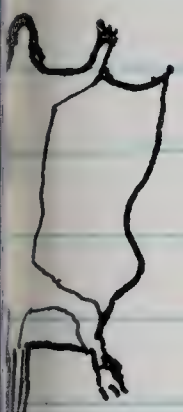
Description,
above long hair, guard hairs with white base, black in middle, white tipped, other hair thick, soft, slate grey base, white in middle, and black tipped, overall appearance a grizzle black and white, white patch above and below eye, body below a whitish brown, tail 2/3 rds total body length, bushy with a white tip, whiskers long and black, five feet with 4 strong long toes with claws, pads light brown, 5th toe (No. 1) short with a nail-like claw, hind foot with 5 toes with claws.

arson

Flying Squirrel

Genus species - Anomalurus ?
Subfamily - Anomaluvinae
Family - Anomaluridae
Superfam - Anomaluroidea
Suborder - SCIUROMORPHA
Order - RODENTIA

Example specimen, KM-9935 ♀, 13 oct 1938, Alt. 3330', Balovale, Barotseland.
141-132-40-26.



Description - head - grey, darker from nose under eyes, ears dark brown, cheeks light grey, throat whitish, fur soft all over.
Body - grey above, white below, skin extended out between legs and beyond legs behind to form gliding wings, hair on this thin grey, darker to outer margin, whitish near middle of outer edge.
Tail - black tipped, grey at basal half,
Fore feet - 4 batlike toes and claws for catching tree limbs, feet black, pads brown.
Hind feet - 5 toes with claws, pads brown, grey fur above.

Collected

Rhodesian Dor-mouse

Genus species - Claviglis (SP ?)
Subfam - Graphiurus
Fam - Gliridae
Superfam - Gliroidea
Suborder - MYOMORPHA
Order - RODENTIA

Example specimen - 1977 ♀, Tom Lawson, Jan. 6, 1949, Lusaka, N. Rhodesia, 143-37-20

Head - dark ring around eyes, slaty grey, ears brown, whitish grey below eyes and throat, china chestnut color,
Body - slaty grey above, lighter grey below,
Tail - less than half length of body, with long bushy hairs from mid tail to posterior, hairs brown, white tipped, forming a brush-like appearance. (probably stunted)
Forefeet - 4 toes with claws, pads light brown, a fifth toe (No. 1) vestigial without a claw. Hair on foot whitish.
Hindfeet - 5 toes with claws, 1st toe very short, hair whitish above, pads light brown.

Claviglis

RM
No. 609307, 4 sept. 1938, Balovale, Barotseland, N. Rhodesia, 3301, HB-100, TI-75, Hf 17.25, Ear-16

Claviglis (sp?)

K.M. No. 3773 ♀, 13 Sept. 1938, 3336, Balovale, Barotseland, N. Rho. HB- 88, T.I- 75, Hf- 16.5, Ear 14.5

Very small, fawny grey or light brownish grey, whitish grey below, black around eyes, cheeks same as below (whitish grey), tail all light grey with no white.

Gliriscus rupicola australis

Very closely related to Claviglis, and Graphiurus.

Ex. spec - KM- 3723, ♀, 19 Jan 1937, Eenriet, near Steinkopf, Little Namaqualand, Shortridge, 3000', HB-115, TI-86, Hf 22, Ear-19

Like Claviglis murinus only larger, hair a lighter grey above, tail more bushy and grizzled greyish white, more fluffy. White tipped (hairs in tail grey, then tipped with white), ears larger.

Personal Notes

Got one specimen of a Claviglis in Northern Rhodesia that came from Lusaka. This one had a bushy tail.

Larson

Collected

Cape Dor-mouse

Genus species - Claviglis murinus
Subfamily - Graphiurus
Family - Gliridae
Super fam - Gliroidea
Suborder - MYOMORPHA
Order - RODENTIA

Example specimen, 1602 ♂, Tom Larson, Nico Smith Farm, 20 mi. W. Port Elizabeth, Cape Prov. S. Afr. 170-84-19, Aug. 10, 1948

Description
Head - Soft grey hair on head, whitish grey cheeks and throat, Black ring around eyes extending in a band down to nose, long fine hairs whiskers. Ears light brown with fine sparse hairs.
Body - uniform grey above, hair base slate grey; below lighter grey.
Tail - Bushy and fluffy squirrel like hairs grey, thick and from ¼ to ½" long.
Fore feet - 4 toes with small light colored claws, pads light, above with light grey hairs.
Hind feet - 5 toes with short claws, pads light, light grey hair on feet.

Personal Notes

I collected Claugh's mouse in the densely wooded ravine that runs into the sea about four miles east of Cape St Francis Lodge, Cape Province. The uplands on the flats are covered with grass, heather, and small bushes, while the rainforest in the river ravines are a tangled mass of vegetation. Here by fallen logs and Poliquin trees I set traps which caught Claugh's mouses. They are nervous little creatures and tenacious of life. I kept one survivor of a trap, who fully recuperated, ate his way out of a basket, and escaped. They do not tame easily for they will not feed if you try to touch them. They are beautiful little creatures and resemble small grey squirrels.

Tom Larson

Collected

Greater Cape Dormouse

Genus species - Graphuirus oculoris elegans.

Subfamily - Graphiurinae

Family - Gliridae

Superfamily - Gliroidea

Sub Order - MYOMORPHA

Order - RODENTIA

Example specimens - King Wms town, 946 ♂ C.C. Shortridge, Ezelfontein - w. Leliefontein, Namaqualand. 4500', No. 946, H-B-108, 11-91, Hf-24, Ear 16.5

Description -

Head - whitish hairs above nose, head slaty grey with white, hair tips darker grey, white patch above ears, below and front of ears black extending above cheeks and on side of nose, cheek spot is buff behind and white in front, whiskers long and fine, dark at base and lighter at tips, Chin light buff, throat whitish grey with a tinge of buff. Ears with short sparce black hairs.

Body - grey above, slaty at base and darker on tips, middle of each hair whitish, below same color only white more visible,

Tail - long hairs thick and white on tips, grey bases, tail tip completely white.

Tom Larson

Greater Cape Dormouse (Con't)

Tail - below black extending almost to tip, tip white, base of tail grey.
Forefeet - white above, pads brown and hairless, hairy toes, 4 toes, 5th toe vestigial. short claw on each toe. Hair on legs grey.
Hindfeet - white above foot, brown pads with no hairs, white hairs above foot and on toes, 5 toes all with claws, hair of leg grey.
Mammae - 8 (2 axil. 2 pect. 4 ing)

Personal Notes

I caught three specimens of the Greater Cape Dormouse at Fellefontein, Little Namaqualand. These were living in the large boulder piles common to that country. They were very scarce as I had many traps out until I was in the area. They build their nests deep in the rocks where they have ample protection.

Tom Larson

Collected

Lobengulae's Gerbil

Genus species - Tatera lobengulae

Sub family - Gerbillinae

Family - Cricetidae

Superfamily - Muroidea

Sub Order - MYOMORPHA

Order - RODENTIA

Example (Collected) - P. Goldenhuys, KWT. Mus. No. 12668, ♂, 23 Jan. 1946, Tsau Ngamiland, H-B-122, T1-132, Hf-31, Ear-21.

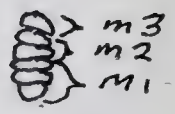
Description

Head - Dark brown spot on nose, head a light yellow brown, almost a light buff, hair bases a slaty grey, skin light, short hair on ear and inside, cheeks orange white, below on chin white. whiskers long fine and brown in color.

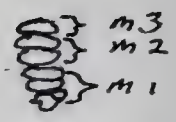
Body - Light yellow brown above and on sides, below white, skin light, upper hair bases are slaty grey.

Tail - As long as body, dark brown above, greyish white below, short hairs, slightly tufted at tip.

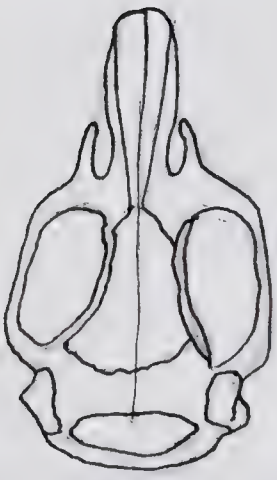
Fore legs - 5 toes, 1st vestigial, 4 toes with well dev. whitish claws, ~~5th~~ 1st toe with a short Claw, white hair on toes above, brown pads, light brown on legs above, below white hairs.

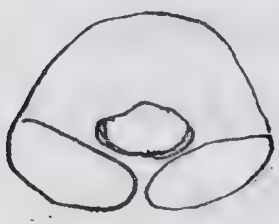


lower molars

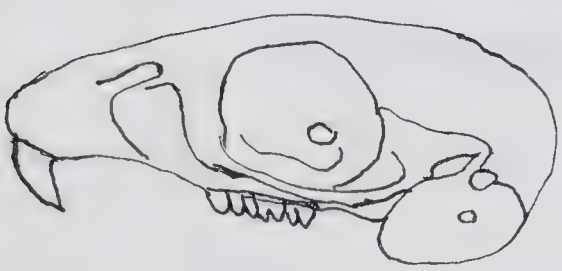


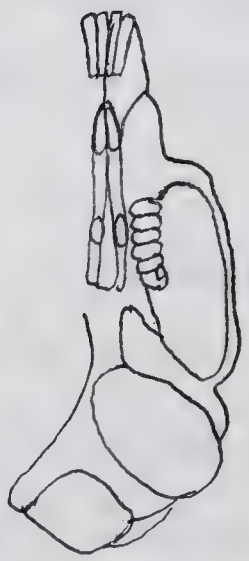
upper molars





upper incisors





Tom Larson

Lobeangulaés Gerbil

Hind legs - 5 toes all with Claws, 1st toe very short and undeveloped, 5th toe shorter than 3 middle ones. Hair on feet white above, brown pads, hair on legs an orange brown above, white below.

Dental formula - $\frac{1}{1}\ \frac{0}{0}\ \frac{0}{0}\ \frac{3}{3}$

rson

Collected

1. Lobengula's Gerbil

Genus species - Tatera lobengulae
Subfamily - Gerbillinae
Family - Cricetidae
Superfam - Muroidea
Suborder - MYOMORPHA
Order - RODENTIA

EXample specimen - KM-6702, ♀ 31 Aug. 1938, 3330', Balovale Barotseland, 151-164-37-22.5

Description -
Head - fawny brown from nose to back, pale brown on cheeks, around eyes, below white, ears dark brown, pale brown at base. &
Body - fawny brown above, paler on sides, white below.
Tail - Longer than body brown above, pale brown below or white, tail with numerous short hairs so rings not visable.
Front feet and legs - short, 5 toes with claws, 1st toe vestigial claw vestigial, middle claw longest, feet white.
Hind feet and legs - legs very long, feet long and white, pads brown, 5 toes with claws, toe no 1 and 5 vestigial, short claws.

KM-12679 - Ngamiland - a darker gerbil of same species.

Tom Larson

Gerbil

Genus species - Tatera afra

Subfamily - Gerbillinae

Family - Muridae

Superfamily - Muroidea

Suborder - MYOMORPHA

Order - RODENTIA

Example specimen - KWT-Mus-♀, No. 5018, 8 Oct. 1933, Citrusdal, C.P. H-B-155, TI-160, HF 36, Egr 27

Description

Head - a light fawny brown, slightly lighter brown on cheeks and side of nose, throat and chin white, whiskers black, ears large and brown with short sparse fine whitish hairs, hair between ears more buffish, hair directly behind ear white.

Body - a light fawny brown becoming darker toward rear and flanks, white below, base of back hairs a dusty grey.

Tail - same length as body. Hair light brown above, white below. Hair short.

Forefeet - 5 toes, 1st vestigial, 4 toes with long whitish claws, very short nail like claw on 1st toe, pads light, white hair on foot.

Tom Larson

Gerbil - (Totera ofra)

Hindfeet - leg twice as long as foreleg, 5 toes with 5 white claws, pads brown, white hair on foot, foot about 1 ⅓" long,

arson

Gerbils

Collected

2. Tatera lobengulae bechuanae

KM- 9590 ♀, June 1945, Lower Dibgattlang on Gulumt road, 125-178-34-23,

Sameas T. lob., Claws on front foot long and white, slightly darker on back.

3. Tatera lobengulae ndolae - Collected

KM-4948 ♂, 31 June 1919, Ndola, N. Rhodesia, 4220', Shortridge, 120-128-32-19.

Des - Claws brown, dark brown or fawn above.

4. Tatera lobengulae "Salsa" Collected

KM-10950 ♀, 31 July 1946, Louis Twichoudt, Transvaal, P. Van Zyl, no measurements.

Des - dark fawn above, buffish sides or pale ruffous.

5. Tatera lobengulae pretoriae ?

KM. 4965 ♂ 1932, Cullman, Transvaal, Chuves, 129-128-28-20

Desc - claws light, dark fawn above, tail shorter than others.

6. Tatera lobengulae "pestis"

KM-12640 ♂, 4 July 1946, De Hoop (Koppie Alleen) Odendaals rust, O.F.S. Geldenhuys, 150-162-33-20.

Desc - Tail longest of the lobengulae, dark brownish fawn above,

Tatera lobengulae griquae

7. EX. KM-10954 ♂, 6 July 1945, 12 mi. E. of Griquatown, Geldenhuys, 123-140-31-21.
Desc - a dark greyish fawn above, ...

Tatera "miliovia"

KM-11159 ♀, 11 July 1945, De Aar, Commonage, Geldenhuys, 116-139-32-20., C.P.
Desc - dark fawny brown above, tail above light with a few darker brown hairs, claws bordered with white, brown, white tipped.

8. Tatera brantsi namaquensis
KM-4726 ♂, 23 Dec. 1936, Goodhouse (Orange River), Namaqualand, 650', Shortridge.
114-136-33-19
Desc - smaller gerbil, fawn above, claws whitish, hindfeet large, tail very long.

Collected

9. Tatera joanae
KM-4717, ♀, 19 Oct 1924, Nkuombi, Central Ovamboland, S. W. Afr. 3370', Shortridge,
125-131-34-22
Desc - a pale bluish grey above with streaks of fawn.

10. Tatera ?
KM-12372 ♂, 7 Aug, 1946, Koto-Koto, W. Lake Nyoso, 1500', Shortridge.
138-148-34-22
Desc. - dark brown on back, sides fawny brown, tail same color.

Collected

Tatera lisdon

KM-6629 ♂, 13 Oct. 1938, Balovale, Bovotselond, N. Rho. 192-171-38-22.5. 11

Desc - very large, tawnish brown above, sides slighter greyish fawn, whitish below, tail very long.

Taterona perpallida

EX. KM 4824 ♀, 3 Nov. 1925, Sandfontein, S.W. Afr. 4100', Shortridge, 155-186-37-23.5 12

Desc - pale fawn above on on sides.

Taterona schinzi

KM-4870 ♂, 31 July 1929, Andara (Okovango) W. Caprivi, S.W. Afr. 1060m, Shortridge. 143-159-33-20.5. 13

Fawny color above, white below, clear light.

Tatera afra 14

KM. 5111 ♂, 10 July 1940, Het Kruis, C.P. Geldenhuys, 189-155-35-25.

a light fawny brown, very white below.

Tatera brantsii 15.

KM-4980 ♂, May 1944, 3000', Tsomo, Transkei, C.P. Davis (D.H.S.), 145-154-34-23.

Dark brownish fawn above, ruffous sides,

16. Tatera benuenta

KM-4951, ♀, 2 Feb. 1918, Mongolla, Sudan 1800', Hamilton, 135-149-33-19.

~~Sunny brown above, white with yellow tinge below.~~ Dark brown above, sides fawn.

17. Tatera ruddi

KM. 13464 ♀, 10 Aug. 1904, Umfolosi station, 200' Zululand, C.B.S., 157-208-40-23.

Above fawn with a ruddy tinge, white below with a slight ruddy tinge, tail pale color.

Tatera (gerbilliscus)

Genus species - Tatera gerbilliscus
Subfamily - Gerbillinae
Family - Cricetidae
Superfamily - Muroidea
Suborder - MYOMORPHA
Order - RODENTIA

Ex. spec - KM-9608 ♂, Nov, 1944,
Lwombwa R. Luenye D., 4000', N. Rho.
D. Gordon (Lawrence.?) No. measurements.

Desc - Brown above, sides lighter brown or yellowish, below white, tail longer than body, (very long), black streak on top of tail lighter toward tip, tuft of light hairs at tip, white below, 5 toes front foot, 1st vestigial, others long and with claws, feet white, hind feet and legs long, feet very long, pads brown, 5 toes with claws middle 3 long, no 1. very short. A large gerbil.

Collected

Gerbillus paeba broomi

Genus species - Gerbillus paeba broomi
Subfam - Gerbillinae
Family - Cricetidae
Superfamily - Muroidea
Suborder - MYOMORPHA
Order - RODENTIA

Example specimen -
KM-3990 ♀, 12 Feb. 1937, Port Nolloth, Namaqualand, 100', Shortridge, 15 mi. inland, 98, 113, 25.5, 15, mammae 8 : 4 ing, 4 pect.

Description
Head - fawn above hair with slaty base white cheeks and throat and chin, dark fawn,
Body - a light fawn, sides and below white.
Tail - length of body, fawn color above, lighter below.
Feet and legs - fore feet with 5 fingers, 1st very short with a short claw, others with long pale claws, white above, pads light, hind feet long, toes long, claws long, white above,

Gerbillus paeba

KM-12768 ♂, 22 Sept. 1947, Slopes of Hantam Range, 3 mi. NE of Calvinia C.P., 3442' Shortridge, 95, —, 26, 15, (tail broken off).

Desc - a dark brown above, sides fawn, white below, tail brown above, fawn below feet light above, legs fawn, pads light.

Personal Notes

Caught this delicate, beautiful little gekkl in traps set around the stick piles made by other rodents. They were never caught in large numbers. They live in the desert coastal area of succulent plants and scattered vegetation. I believe they also will make nests in or under the stick piles common in the area. They may also live in old burrows of the Mojavensis.

Gerbillus calidus

KM-12530 ♂, 23 Sept. 1945, Between Kokio and Kgokong, Bechuanaland, (Map. Ref. 24.23 AC) G. Erasmus, 92, 93, 24, 15.

Desc - light fawn above, slate grey showing through, cheeks, throat, around eyes white, white below on body, feet white, tail length of body, greyish brown streak above, white below.

Gerbillus swalius (Damara Pigmy Gerbil)

KM-4029 ♀, 3 Nov. 1925, Sandfontein, S.W. Afr. 4100', Shortridge, 101, 89 (stunted), 26.5, 17.5.

Desc - fawn above, white below, white above and behind eyes, tail brown above, white below, feet white.

Gerbillus swalius leucanthus

KM-4065 ♂, 19 Aug. 1924, Ondongwa, Ovamboland, 3525', Shortridge, 102, 106, 26, 16.

Desc - pale fawnish above, white face with a fawn streak from nose extending up to forehead, white below, tail white above and below, feet white.

Gerbillus swalius orvalis

KM-4002 ♀, 16 Oct 1923, Rooibank, W. Walfis Bay, S.W. Africa, 240', Shortridge, 86, 121, 27, 14.

Desc - light fawn, below white, tail fawn above, white below, feet whitish, brown pads, tail longer than body.

Gerbillus vallinus (Namaqua Pigmy Gerbil)

KM-4074 ♂, 3 Sept. 1923, Bersebo, S.W. Afr.

3067', Shortridge, 105, 136, 30, 13.5

Desc - brownish fawn above, sides fawn, white below, feet whitish, tail longer than body, brown above, light below, has a brown tuft on end of tail.

Tom Larson

Collected

Short-Eared Gerbil

Genus species - Desmodillus auricularis

Sub fam - Gerbillinae

~~Family~~ ~~Tribe~~ - ~~Microtini~~ Cricetidae

~~Superfamily~~ - Muroidea

~~Sub Order~~ - MYOMORPHA

~~ORDER~~ - RODENTIA

Example specimens - Port Elizabeth Museum, New Brighton, No. 1422/82 ♀

King Williamstown Museum - G.C. Shortridge, ♂ No. 915, 2 Jan. 1946, H-B-115, Tail-87, Hf-25, Ear 11.5. (4460')

Description -

Head - Medium brown above, darker ring around eye, ears almost transparent, lighter spot in front of ear, white spot behind ear, cheeks light brown, white below extending up in front of cheeks and under nose, base of hairs above slaty grey, whiskers fine, lower whiskers white, upper longer ones grey black. Fine short hairs outside and inside of ears.

Body - Dark brown above, lighter brown on sides, belly white, Base of brown hairs slaty grey.

Tail - Brown above and below with lighter brown hairs.

Personal Notes

I have collected this species on the open slopes on Zinkusstein Farm near Windhoek, S.W. Africa. Also at Strauss "Vrede" Farm at Prieska Bennett, in the Karoo. Their warren holes are fairly well spread out. The openings are not as large as gerbils. Only a small amount of sand and dust is scraped out of the warrens and pushed out of the opening. The large gerbils push large quantities of sand out of their warrens in a curved pattern. Have only taken these in limited numbers.

Tom Larson

Short-Eared Gerbil (Desmodillus auricularis)

Forefeet - white above, brown pads below with short white-brown hairs, 5 toes, 1st toe vestigial vestigial with short stubby claw, Claws medium long on other 4 toes,
Hind feet - white hairs above and below, (very short), 5 toes, 1st toe shorter than others.
Mammae - 8 (4 pectoral, 4 ing.)

KM-4389 ♀, 3 Jan 1937, Goodhouse, Orange River, Namaqualand, 650', Shortridge, 108, 90, 29.5, 12, 4 ♂ smaller ruffous color phase.

Desmodillus auricularis pudicus

KM-10928 ♂, 23 Oct. 1945, Lower Dikgatlong, 50 mi. N.W. Kuruman, C.P. Geldenhuys,

106, 93, 25, 11

Desc - Sandy above, white below, tail less than length of body, feet white, Very much the same as Des. aur.

arson

Kalahari Desert Rat

Genus species - Ochromys woosnami
Subfam - Cricetinae
Fam. Cricetidae
Superfam - Muroidea
Suborder - MYOMORPHA
Order - RODENTIA

EX. Specimen
KM - 4104 ♀, 7 Nov. 1925, Sandfontein, S.W. Africa, 4100', Shortridge, 140, 115, 26.5, 18.5, (2 embryo-mammae 10, (4 ing: 6 pect).

Description - pale grey above with a dash of brown toward rump, sides same, below white, ears light brown, feet white, pads brown, tail 3/4 ths length of body, white,
fore feet 5 toes with claws, 1st is very short,
hindfoot 5 toes and 5 claws;

rson

Collected

White-tailed Rat

Genus species - Mystromys albicaudatus
tribe - Cricetini
Subfam - Cricetinae
Fam - Cricetidae
Superfam - Muroidea
Suborder MYOMORPHA
Order - RODENTIA

Ex. Spec. KM-4096 ♀, 1-10-31, Upper Balassi, about 10 mi. E. of King Williamstown, Arends, 158-60-25-22.

Desc - a soft fur, greyish brown above, more grey below, ears large, ovate, greyish, tail ½ length of body, whitish above, white below, feet white, Chin greyish white, hindfoot with 5 toes all clawed, no. 1. vestigial, short, front feet, 5 toes, 1st very vestigial, with claws.

Personal Notes

A farmer by the name of Donion brought me a fine specimen of a white tailed deer. This is the first one I had ever seen. They are very numerous.

Tom Larson

Collected

Vlei Otomys (1)

Species genus - Otomys irroratus

Subfamily - Otomyinae

Family - Muridae

Superfamily - Muroidea

Suborder - MYOMORPHA

Order - RODENTIA

Example specimen, KM-8962 ♂, 18 Jan, 1945, ~~Fran~~ Tani bou Kies Vlei, Dist. Stockenstrom, C. P. Arends, HB-182, TI-117, Hf-32, Ear-24,

Description

Head - grizzled dark brown, hair base dark slaty, orangish brown, dark tipped, snout brown, chin and throat grey, ears quite large, dark.

Body - same as head, grizzled dark brownish black, grey below.

Tail - 2/3rds length of body, blackabove, grey below, hairs on tail short.

Forefeet - 5 toes with 4 claws, 1st toe vestigial and with very short nail.

Hindfeet - 5 toes with 5 claws, claws light, feet grey, pads dark brown.

Personal Notes

In many parts of the Union I have taken specimens of Otomys, from Cape town Port Elizabeth, the Transvaal Isles from Lunduya, Northern Rhodesia. I always got them as a rule in swampy wet areas, though I have also caught specimens on the hill behind Cape town University. They are most active at night. An area may be honeycombed with their runways and burrows along town river banks, and in swampy areas. I have found them to be numerous where they have found. They feed on succulent plants, grass, forbes, and reeds.

Larson

Collected

Otomys irroratus maximus

Example specimen - KM-10906 ♂, 28 Aug. 1946,
Sangaula, Kabompo R. N. Rhodesia,
HB-172, TI-105, Hf-30, Ear-21
Description - Close resemblence to O. irroratus,
same above, below more brownish grey.

Otomys irroratus (melano)

Example specimen - KM-8385 ♀, 13 Dec, 1940,
Elands Bay, C.P. Goldenhuys
HB-175, TI-108, Hf-30, Ear-22,
Dark black above, lighter black below,
tail black.

Otomys trigelorsis saundersiae

Example specimen - KM-14682, ♂, 9 Oct. 1948,
Orinway Farm, Albany Dist. C.P. 2200'-2800'
Shortridge-Macauley, HB-152, TI-103, HF-28, Ear-21
Description - slightly lighter brown
than O. i; differences in skulls not seen.

Otomys robertoi

KM-11139 ♀, 31 Jan. 1946, Lady Grey, C.P.,
5260-7500', Shortridge, 150, 85, 26.5, 18.

Desc - Black above, grey black below, feet
and tail, and ears black, hair base o dark
slate grey, middles of hair or toward tip a
light brown, tips black or guard hairs black
the dark slate grey hair bases gives overall
black appearance.

Otomys tropicalis elgonis

KM-4254 ♂, 9 Dec. 1910, Soi Loi, Mt. Kenya, B.E.A, C.D. Rudd, 8000', 181, 96, 38¼, 22.

Desc - a rusty dark brown above, below lighter rusty brown, tail ½ length, black above, light brown below, feet brown, pads brown, claws light, light rusty brown around nose.

Otomys saundersiae karoensis

KM-4238 ♀, 1 Nov. 1940, Citrusdal, N.W.C.P. Goldenhuys, 140, 107, 24, 21.

Desc - dark grey brown above, pale slate grey brown below, tail ¾ths length of body, tail above black, below light brown.

Otomys trigelensis pretoriae

KM-12537 ♂, 30 Aug. 1945, Lobatsi, E. Bechuanaland, G. Erasmus, 152-85-25-20.

Desc - a light grey brown above, lighter below, tail light faded black above, pale brownish white below, ½ length of body.

Collected

Tom Larson

Collected

Brooms Bush Otomys

Genus species - Myotomys unisulcatus broomi

Subfam - Otomyinae

Family - Muridae

Suborder - MYOMORPHA

ORDER - RODENTIA

Example specimen - KWT Mus, 549, 9 Nov. 1936
G. C. Shortridge, Alt. 3500 app. Kamnesberg
(Witwater plateau) Namaqualand, C.P.
H-B-153, Tl. 90, Hf. 25.5, Ear 23.5

Description

Head - sooty grey, slightly darker on top of head, cheeks lighter, light grey on chin and throat, ears oval, short hair on ear. whiskers fine, dark.

Body - fur long, brownish grey above, sides more sooty grey, hair below shorter and light grey. Hair bases a dark slate grey.

Tail - ½ as long as body, dark above, lighter below, hair short.

Hindfeet - 5 toes, 1st toe shorter than others, claws brown, short light brown hairs on foot, hairs extending out beyond claws, pads dark brown.

Forefeet - 4 toes, light brown hair above, pads dark brown, dark brown hair on leg above pad.

Myotomys unisulcatus

Example specimen, KM-8825, ♀, 4 May 1939

Hebkonis, N.W.C.P., P. J. Gelden huys
HB-158, TI-75, Hf-25, Eor-24,

Brownish grey back, below light grey, tail black above.

Myotomys unisulcatus bergensis

Example specimen - KM-8863 ♂, 17 Jan. 1938,

Compagnies Drift, Lamperts Bay, 100'
Shortridge, HB-177, TI-111, Hf-25.5, Eor 24

Feet light whitish grey, tail very black above, light grey yellow-below, grey brown above.

Myotomys sloggetti

KM-8996 ♀, 22 Apr. 1945, Aangenaam Kerk, Tankastad dist-C.P., Arends, 127, 54, 22, 19.
Trapped on rocks, warrens under stones in veldt.

Desc - brownish grey above, ears with a slight ruffous tinge below lighter grey brown, mostly slate grey feet whitish-brown, pads black, tail ⅔ length of body, light grey above, whitish grey below,

Myotomys U. grantii

KM-11346 ♂, 14 July 1945, Peelfontein Stn. C.P., Geldenhuys, 155, 100, 28, 22.

Desc - above dark grizzled brownish grey with black tipped guard hairs, sides slightly lighter below light brownish grey with a ruffous tinge, tail ½ body length, black above, below black with a ruffous brown tinge, top of ears black, chin whitish brown.

Tom Larson

Collected

Littledale's Bush Otomys

Genus species - Lio Parotomys tomys littledalei

Subfamily - Otomyinae

Family - Muridae

Superfamily - Muroidea

Suborder - MYOMORPHA

Order - RODENTIA

Example specimen - G. C. Shortridge, ♀, No. 1627, Alt. 3000'; 22 Jan. 1937, Kenscit, W. Steinkopf, Namaqualand. (Personally collected)

Description

Head - a dark yellow buff above with dark slaty grey bases, Cheeks a ~~rufous~~ light rufous brown as well as on chin, whiskers fine and dark, light patch behind ears, light buffish brown short hairs on outside and inside of ears, some black hairs showing on fore outer part of ear from base of hairs.

Body - a tawny buffy brown color (light) above, more greyish white on sides, below same as sides, base of hairs a dark slaty grey.

Tail - shorter than body, buffy hairs toward base become dark brown almost black toward tail tip above, below a lighter brown.

Fore feet - 5 toes, 1st toe vestigial and without a noticeable claw, light yellow brown hair above on

Collected

Paratomys brantsii pallidus

KM-45380 ♂, 18 Feb. 1937, Kameelboom - 28 mi. W. of Cories, Namaqualand, 650, Shortridge, 155, 106, 30.5, 16.

Desc - above a grizzled appearance of blackish, yellow, brown, with a tinge of ruffous on head and neck and above tail, hairs ringed with slate grey bases, yellow middle, black tips, tail above black, below whitish brown, below grey whitish,

Tom Larson

Littledale's Bush Otomys

foot, black pads, toes below segmented.
Hindfeet - 5 toes all with claws, yellow-brown hair on toes and foot, pads black below. Nails black at base and light tipped.
Mammae 4 (ing)

Paratomys brantsii

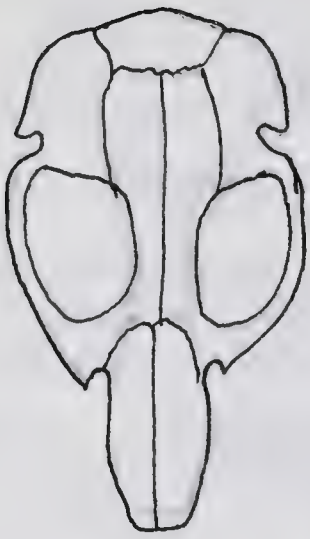
KM-8329 ♀, 13 Jan, 1937, Eenriet (near Steinkopf, Namaqualand), 3000', Shortridge, 140, 96, 27, 15.

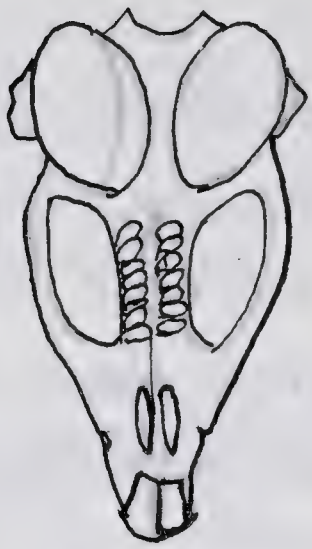
Desc - Top of head and body an slightly ruffous yellow brown color, ear tips black, sides of body a yellowish desert brown, slaty grey hair bases, below light grey; tail about 1/2 length, feet yellow brown, pads black, 5 toes on hind foot, Claws long and well developed, 4 toes with claws on forefeet, a 5th toe vestigial (No. 1), with a nail-like claw, tail dark stripe above to inch of tail base, pale whitish brown below.

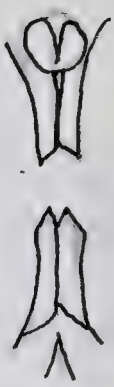
Paratomys brantsii luteolus

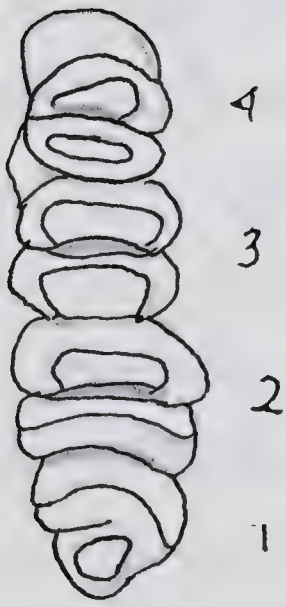
KM-11180 ♀, 25 Nov. 1945, Municipal Farm, 4 mi. From, Middleburg, C.P., 4095', Shortridge, 143, 75, 26.5, 14.

Desc - Deeper ruffous brown above, darker grey below, tail less than 1/2 length of body, black stripe on tail above to tail base,









lower right molars

upper left molar

Grey Tree Mouse (Poemys m. pretoriae)

KM-2793 ♂, May 30, Pretoria, Trans, Fourie, 60, 70, 17, 17.

Desc - a grey fawn color, black stripe from back of shoulders to rump, ears black, greyish white below, 4 toes in front, 5 in back foot. 5 toe thumblike, tail as long as body.

Poemys melanotis insignis

KM-2775 ♀, 27 Nov. 1936, Ezelfontein N. Leliefontein, Namaqualand, Shortridge, 4500' 70, 75, 16.5, 17.5.

Desc. A slate grey with a brown tinge general color above, distinct black stripe down back, white grey below, feet light, tail length of body.

Poemys melanotis melanotis

KM-2785 ♀, 7/8/36 - Port Elizabeth, C.P. Shortridge, 68-77-17-14

Desc - a brownish grey above, with a black stripe running from back of shoulders to base of tail, light grey below, tail as long as body or slightly shorter,

Poemys m. capensis

KM-2802 ♂, 11 Nov. 1938, Citrusdal, C.P. 64-82-18-15,

Desc - a light slaty grey, black stripe extending from mid back to tail base, black dot on head, light grey below, tail longer than body, ears dark,

Orsoy

Poemys nigrifrons shortridgei

KM-2834 ♂, 12 June 1929, Ssaukaua Village, Grootfontein Dist. S.W. Afr. 1100 m, Shortridge, 68, 74, 18, 16.5.

Desc - a brownish grey above, a broad black midstripe from shoulders to tail, blackish ears, black around eyes to tip of nose, white below or whitish grey, tail longer than body.

Poemys ?

KM-8992 ♀, 17 Apr. 1945, Auogaos Kerk, Tavkastad, C.P. Areuds, - 72, 79, 18, 17.

Desc - slate grey above, black stripe from backs of shoulders to tail, ears dark, lighter slate grey below, tail and feet light colored, as long as body.

Arson

Corrected

Namaqualand Pigmy Rock-Mouse

Genus Species - Petromyscus barbouri
Subfam - Dendromurinae
Fam - Muridae
Superfam - Muroidea
Suborder - MYOMORPHA
Order - RODENTIA

Example - KM-3651 ♂, 22 Nov. 1936, Elzelfontein, W. Leliefontein, Namaqualand, 4500', Shortridge, 72, 76, 16.5, 14.

Description

Head - grey above, slightly darker around eyes, below whitish grey.
Body - grey streaked with brown, grey tinged with white below.
Tail - as long or nearly as long as body, grey with short hairs, rings of scales, lighter below.
Feet - forefeet white, 5 toes, 1st vestigial, 4 claws, very small feet.
Hindfeet - 5 toes with claws, white above, 1st toe very small.

Petromyscus collinus (Namaqua Pigmy Rock Mouse)

KM-3631 ♂, 10 Nov. 1923, Karibib, S.W. Afr. 3842', Shortridge, 82, 87, 16.5, 15.
Desc - fawny light brown above, grey white below, tail straw color, feet whitish.

Personal Notes

I collected Petromyzon barbouri at Steinhatchee on the road to Fort Walton. Caught two specimens in a huge bullhead pile common to Manyfaced.

Petromyscus shortridgei (Kookveld Pigmy Rock Mouse)

KM - Erongo Berg, near Omaruru, S.W. Africa, 88,95,17,15, 4/6/37 ♀

Desc - slate brownish grey above, whitish grey below, tail longer than body, feet white.

Petromyscus collinus copensis

KM - 3638 ♂, 2 Jan. 1937, Goodhouse, Orange River, Namaqualand, 650', Shortridge, 90-98-17-17.

Desc - a chestnut fawn above, whitish grey below, feet white, tail longer than body, black hairs toward tip, ears brown.

Petromyscus Collinus bruchus

KM - 3636 ♂, 27 Sept. 1923, Great Brukaros Mts. Berseba, S.W. Afr. 3500-5200', Shortridge, 87-97-17-15

Desc - fawn color above streaked with brown, suffusion on sides, whitish grey below, feet whitish, tail longer than body, light brown color.

Larson

Collected

Fat Mouse

Genus species — Steatomys pretonyx
Sub fam. — Dendromurinae
Fam. — Muridae
Superfamily — Muroidea
Sub Order — MYOMORPHA
Order — RODENTIA

Example specimen, 15730♂ Tom Larson, Apr. 13, 1948, Gladysvale Farm, 17 mi. NNE. Krugersdorp, Trans. 111-45-16

Description
Head — Buffish brown, cheeks and throat white, ears dark brown, buff hairs on inner ear margin at base.
Body — Buffish brown above, white below: slaty grey hair bases.

Tail — short, ½ half total length of body. Brown above, lighter brown below, short hairs on tail.
Hindfeet — 5 toes with short claws, 5th toe very short, foot light buff above, toes light below.
Forefeet — 4 toes, all with claws, feet and legs white above and below.

Collected

Steatomys (A) N. Rho.

KM- 3415 ♂, 5 Sept. 1938, 3330', Baloovale, Barotseland, N. Rho. 83, 40, 15.25, 16.25

Desc - buff brown above, white below, tail ½ length of body, feet white, tail light.

steatomys (b)

KM- 3364, ♂, 23 Sept. 1938, Baloovale, Barotseland, 3330', 90, 55, 17.25, 16.5.

Desc - darker buffy brown, white below, tail light brown above, light below.

Personal Notes

Collected Steatomys Petronyx in the mid veld at Gladywale near Bruggendorp, Transvaal. Caught them in the open veld. Only was able to get a few specimens.

Larson

Collected

Fat Mouse

Genus species - Steatomys pratensis
Sub fam. - Dendromurinae
Fam. - Muridae
Superfam. - Muroidea
suborder - MYOMORPHA
Order - RODENTIA

Example specimen, 18050 ♂, Tom Larson, Dec. 7, 1948, 5 mi. W. Luangwa, N. Rhodesia, 162-61-17

Description -
Head - Darker buff than S. pretonyx, cheeks and throat white, ears dark brown,

Body - dark buffish brown above, white below, slaty grey hair base, sides lighter buff than ventral area.

Tail - ½ total length. Brown above, lighter below. Hairs on tail very short and fine.
Fore feet - 4 toes all with claws, feet whitish.
Hind feet - 5 toes and 5 claws, 1st toe shorter than others. Feet white above, pads brown.

Steatomys krebsi (Krebs fat mouse)

KM - 2954 ♂, 1932, Viljolus Drift, O.F.S.

82, 51, 14, 17

Desc - dark brownish fawn color above, darker on mid back, grey white below, tail ½ length of body, brown, feet brownish white, dark brown streak from eye to nose.

Collected

Steatomys protensis mauvensis

KM - 12529 ♀, 15 Feb. 1946, Kwee, 9.3 mi S.E. Mokowen, Ngamiland, Bechuanaland, Goldenhuys, 79, 46, 15, 15.

Desc - buffish brown above, darker on top of body, sides lighter, white below, tail ½ body length, ears brown, legs white.

Steatomys swalius (Thomas fat mouse)

KM - 3010 ♂, 3 Aug. 1929, Andara (Okovango) W. Caprivi, S.W. Afr. 1060 m, Shortridge, 80, 33, 15, 14.

Desc - a light buffy brown above, or fawn, below white, tail less than ½ length of body, ears brown.

Steatomys swalius umbratus

KM - 2963 ♀, 25 Nov. 1925, Sandfontein, S.W. Afr. 4100', Shortridge, 84, 50, 16, 15.

Desc - a darker brownish buff, lighter on sides, white below, feet white, tail dark above, light below.

Tom Larson

Collected

Chestnut Tree Mouse

Genus species - Dendromus mesomelas

Subfamily - Dendromurinae

Family - Muridae

Suborder - MYOMORPHA

Order - RODENTIA

Example specimen - Port Elizabeth Museum, New Brighton, P.E., No. 1422/42, 4 June 1937, ♀
Own Specimen No. 144, TL-158, T-95, HF-20 ♂
Nico Smith Farm, 20 mi. W. Port Elizabeth, Cape.

Description

Head - Fawny Brown above, dark brown below eye, light black spot on top of head, Cheeks lighter brown, Chin and throat hairs yellow-white, grey at base, whiskers fine and dark, lighter at tips, ears oval with short fine hairs.

Body - dark Rusty brown above, grey at base, dark stripe starting at shoulders and terminating at base of tail. Below hairs whitish yellow tipped, slaty-grey bases.

Tail - slightly longer than body, thin with tiny ring pattern, semi-prehensil, dark grey color.

Forefeet - only 3 toes all with short delicate claws, light hairs above feet and yellow pads on toes, leg hairs light grey.

Tom Larson

Chestnut Tree Mouse (con't)

(~~Elephantulus rupestris~~)

(Dendromus mesomelas)

Hindfeet - 5 toes, all with claws, 1st toe vestigial with minute claw, 4 other toes about equal in length. ~~foot~~ long with short light hairs, no long hairs on hind leg.

Mammae - 8 (4 pect. 4 ing)

Dendromus mesomelas major

KM-2697, 21 Aug. 1929 ♀, Divoi (N. Bogone Drift) Okovango, S.W. Afr. W. Caprivi, 1000 m, Shortridge, 65, 80, 21, 13.

Desc - Chestnut color, black stripe running from shoulders to base of tail, below white. tail longer than body, blackish, 5 toes front foot, long, 5 toes back feet, toes long, no. 5 shaped like a thumb, no 1. a vestige.

Dendromus m. pumilio

KM. 2694 ♂, 13 Apr. 1938, Redelinghuis, C.P. Geldenhuis, 79, 110, 21, 15.

Chestnut or ruffous brown above, grey rufous below ~~ruffous~~, tail 1½ time longer than body, a darker brownish chestnut stripe barely visible down middle of back.

Dendromus jamesoni

EX - KM. 2714 ♂, Sept 30, 1923, Port St Johns W. Pondoland, H H Swinny, 500', 62, 93, 18, 12.5.

Desc - a lighter ruffous or chestnut color, a faint darker stripe from back of shoulders to rump, tail brown, 1 1/3 times length of body, white below.

Dendromus ?

KM - 2723 ♂, 5 Sept 1938, Baloudole, N. Rho. Barotseland, 3330', 65, 80, 18, 12.

Desc - a paler chestnut with a faint stripe visible, chestnut or ruffous white below.

arson

Collected

Mouse gerbil

Genus species – Malacothrex typicus

Subfam. – Dendromurinae

Fam. Muridae

Superfam – ~~Myomorph~~ – Muroidea

Sub Order – MYOMORPHA

Order – RODENTIA

Example – KM-12517 ♂, 9 Dec. 1946

St Marks W. Queenstown, C.P. Geldenhuys

79, 43, 18, 21

Description

Head – white throat and lower cheeks, mottled dark brown on top of head and nose, fawn cheeks, ears dark with greyish tip inside.

Body – dark brown to black shoulders and middle back, mottled lower back of dark brown and fawny brown, sides a fawny brown, white below.

Tail – less than ½ length of body, brown, short hairs

Forefeet – 5 toes, 1st vestigial, 4 with claws, feet tiny, whitish.

Hind feet – 4 toes with claws, very delicate, light color (whitish brown).

Malacothrix t. egerio

Ex. KM. 2771, 27 May 1933, Chidongo, Ovamboland, S.W.Afr.

Fourie, no measurements – smaller than M. t.

Pale whitish fawn above with a light faded black streak down back and ~~to~~ 2 faded black spots on each side of stripe in middle of back, below white, tail light and feet.

Beamys major

Subfam - Murinae

Fam - Murinae

Superfam - Muroidea

Suborder - MYOMORPHA

ORDER - RODENTIA

Example

KM-11922 ♀, 4 June 1946, Zomba Plateau, Nyasaland, 5000', Shortridge, 154, 151, 24, 20.5,

Desc - dark slate grey above, sides lighter slate grey, white below, tail as long as body, Color mixed grey and yellowish orange, feet white, 5 toes with claws on all feet, on forefeet 1st toe vestigial.

Lophuromys aquilus

Genus Species - " "

Sub fam - Murinae

Fam - Muridae

Super fam - Muroidea

Suborder - MYOMORPHA

Order - RODENTIA

EX - KM-13475 ♂, 18 May 1933, Bagito, Uluguru Mts, Coll-Loveridge, Central Africa, 123, 80, 20, 5.

Desc - Black above with dark ruffous brown hair tips, brown (light) below, feet and tail black, ears dark brown tail 1/3rd length of body, forefeet 5 toes, 1st vestigial, nails of 3 middle fingers very long and light colored, pads black, 5 toes with clawed hindfeet, nails long on middle 3 toes.

Lophuromys ?

KM-12345 ♂, 29 June 1946, Mbeya Plateau, Nyasaland, 5700-7000', Shortridge, 138, 77, 23.5, 17.5.

Desc - black above, cinnimon brown below, much larger than L. A. Hairshases dark cinnimon,

Collected

Tree Rat

Thallomys shortridgei
Sub fam - Murinae
Fam - Muridae
Superfam - Muroidea
Suborder - MYOMORPHA
Order - RODENTIA

Ex. spec. Description.
Above a brownish streaky grey, sides more grey, below white, cheeks grey, ears brownish, ~~feet~~ above whitish grey, legs below greyish, forearms below white, ~~forefeet~~ with 5 toes, 1st vestigial, 4 others with claws claws white, hindfoot with 5 toes with claws, pads light brown, tail as long as body, dark brown hairs on tail

Ex. Spec. - KM-4273 ♀, 28 Dec. 36, Goodhouse, (Orange River), Namaqualand, 650', Shortridge, 163, 185, 30, 24.

Thallomys nigricauda (Black Tailed.)
KM-4317 ♀, 4 Sept. 1923, Bessebo, S.W. Afr. 3067', Shortridge, 150, 163, 27, 21.5.

Desc - Very much same colors as T. S. only tail is a little shorter and with longer black hairs, black around eyes extending in a band to nose.

Thallomys (nigricauda) Deuconoe

KM-4288, ♀, 4 Apr. 1933, Otjohamo, Etosha Pan, S.W. Africa, L. Fourie, 132, 151, 27, 24.

Desc - above cinnimon brownish, sides subtitch grey, below white, tail as long as body, tail black, feet white, face grey, black around eye with a streak running to nose, brownish cinnimon on head, ears brown, white spot behind ears.

Thallomys nigricauda Kalahoricus

KM-10915 ♀, 30/10/45, 13 mi. W. of L. Dikgotlon ~~dor~~ drosh, Kuruman R., Geldenhuys 130, 157, 24, 23

Desc - light grey above, slightly darker on back, feet whitish grey, tail as long as body - blackish grey, white below, black around eyes and a band extending to nose, ears cinnimon brown.

Thallomys damarensis

KM-12571 ♂, 4, Jan, 1946, Nokonen, Ngamiland, B.P (1922 CA), P. Geldenhuys, 133, 163, 24, 21

Desc - grey brown above, grey on sides, white below, a cinnimon streak from tail up to middle of back, tail as long as body, feet white, faint black around eyes to nose, ears brown.

Thallomys herero

KM-4285 ♀, 2 Oct. 1924, Otjumbumbi, Cunene River, N.W. Ovamboland, 3400', Shortridge, 133, 174, 27.5, 20.5, 15 mi. above, Cunene Falls.

Desc - pale brown above, sides greyish (light), white below, tail as long as body, brown above and below, feet white, pads brown, no color around eyes, ears light brown.

Thallomys moggi

KM-10916 ♂, 13 Aug 1945, Nylstroom, Transvaal, Geldenhuys, 125, 139, 29, 21,

Desc - grey brown above, lighter on sides, white below, light black ring around eyes extending to nose, feet whitish, tail same length as body,

Thallomys paedulcus

KM-5114 ♀, 17 June 1914, Mfongon, Zululand, 1100', Jones, 119, 127, 24, —,

Desc - ~~brown~~ above dark greyish brown above, sides more slate grey, white below, a little Cinnamon mixed with brown of head, no black marks around eyes, feet whitish grey, tail length of body, light brown,

Tom Larson

Collected

Mus Colonus

Genus species - Mus Colonus

Sub family - Murinae

Family - Muridae

Superfamily - Muroidea

Suborder - MYOMORPHA

Order - RODENTIA

Example specimen - KWT. Mus. Friends, No. 7086, ♀, 21 Mar. 1944, South Bank, Railway Line, King Williamstown, C.P., HB-86, TI-72, HF-29, Ear-16.

Description

Head - Slaty grey, lighter below, ears darker grey almost black.

Body - Slaty grey, slightly lighter grey below,

Tail - shorter than body, fine short segments, short hairs very sparce, grey above, lighter below.

Forefeet - 5 toes, 1st vestigial; feet small with tiny white claws, feet white furred, pads light.

Hind feet - 5 toes with claws, 1st and 5th toes shorter than 3 middle ones, 1st the minute. White hairs above, pads brown.

Mus musculus

KM-11103 ♂, 15 Nov. 1945, Municipal farm - 4 mi from Middlebury, C.P. 4095, J.C. Shortridge, 90, 87, 18, 13.

Desc - greyish brown above, pale greyish brown below. Tail almost as long as body, feet grey brown sacc brown, tail brownish grey, lighter below.

Larson

~~Okovango~~ (Meadow Rat)

Myomys verroxii

Subfam – Murinae
Fam – Muridae
Superfam – Muroidea
Suborder – MYOMORPHA
Order – RODENTIA

EX - KM - 4187 ♂, 18 Dec, 1937, Klipkuis 11 mi. N.E. of Klanwilliam, 2500-3000', Shortridge, 122, 155, 25, 19,

Desc - Brown above with a cinnamon tinge, under hair or base grey, ears brown, sides buffish or ruffous fawn, grey white below, feet white, 5 toes and claws on hind foot, 5 toes with claws forefoot, 1st toe short, tail longer than body, tail brown above, whitish below.

Myomys shortridgei

Okovango Meadow Rat

KM - 4121 ♂, 23 June 1929, Okovango, Omotako Junction, Groutfontein Dist, S.W. Afr. 1080m, Shortridge, 137-106-25-18,

Desc - dark slate grey brown above, sides more light brownish grey, below whitish grey, tail 3/4 length of body, feet whitish grey, tail brown above, lighter brown below, ears brown.

(OVER)

Myomys colonus

K M - 5692 ♀, 15 Nov, 1944, South Bount Railway line, King Williamstown, C.P. Arenda, 115.5, 91, 23.5, 16. - Mammae 4(3:1) one side, 6 other side.

Desc - dark greyish brown above, sides lighter grey brown, below whitish grey, tail 3/4 length of body, feet white, ears grey brown, tail grey brown above, lighter below.

Tom Larson

?

w genus)
1947

Genus species - Micaelamys grauti
Family Muridae
Super Family - Muroidea
Order - RODENTIA

Example Specimen - KWT. Mus. No. 12841, Shortridge, OT, 7 Oct. 1947, Alt. 3600. Gonna-farm, Rhenoster River, 54 mi. East of Calvinia, C.P., H-B-126, Eor-18, Hf-24.

Description

Head - Tawny brown above, grey slaty base, cheeks more buff, whitish grey below on neck and chin, whiskers long (several inches) and white-tipped. Ears dark brown with short reddish-buff hairs.

Body - Fur very fine and soft, a tawny grey brown, more yellowish toward rump, sides a little lighter, whitish grey below

Tail - about as long as body, ringed segmented tail, dark brown, very short bristle-like hairs.

Forefeet - 4 toes with tiny claws, foot small, 1st toe vestigial, foot white above, pads brown.

Hind feet - 5 toes all with claws, 1st toe small, 3 middle toes long and same length, feet white above, brown below

Tom Larson

Collected

Single-Striped Rat

Genus species - Lemniscomys griselda

Subfamily - Murinae

Family - Muridae

Suborder - MYOMORPHA

Order - RODENTIA

Example Specimen - Shortridge, KWT. Mus. No. 6413, Alt. ~~4465~~ 3830', Balovale, Barotseland, N. Rhodesia, 5 Oct. 1938, ♂, H-B-113, TI-126, Hf-27, Ear-16.

Description

Head - golden hairs mixed with dark hairs. dark grey bases, golden hairs around eyes, chin and throat with white hairs, ears with short reddish gold hairs.

Body - single dark narrow stripe running down back to base of tail. Hairs of back same as top of head only more golden buff on rump and hair of hind legs, belly and below white hairs.

Tail - Buffy gold short hairs above, thin dark and scaley rings, light skin and hairs below.

Forefeet - 4 toes, 1st toe vestigial, short claw on each toe, light buff hairs on feet.

Hind feet - 4 toes, 1st toe very short and

Tom Larson

Single-striped Rat

above other 3 long toes, claws longer than toes of front feet. Buffish short hairs on foot and toes.

Mammae - 8 (4 pect. 4 ing)

Lemniscomys griselda fasciato

KM-4211 ♀, 11 June 29, Tonutoni Village, Grootfontein Dist., S.W. Afr, 1100 m, Shortridge, 140, 150, 28, 17.

Desc - black stripe from neck to rump, brown with a ruffous tinge above, more grizzled brown on head and shoulders, ears cinnamon, tail black above, light below, feet light brown, whitish below, tail as long as body.

Lemniscomys g. spinalis

KM-10905 ♀, 8 Sept. 1945, Rustenburg, Transvaal, Goldenhuys, 118, 112, 25, 16.

Desc - above black stripe from head to tail, grizzled brown above with cinnamon tinge on rump, darker than L. g. fasciato, white below, hairs with slate grey bases, ears cinnamon.

Lemniscomys striatus

KM-9204, 14 May 1944, Sesheke Stream, Sesheke Dist, W. Rhodesia, Long: 33°5", Lat: 9°45", 3000', Lorcester, Ngendi, no measurements, Native name - Winowongo, NSAWYA Tribe;

Desc - 1 darker stripe running down back, 12 bands on each side of middle stripe of alternate light black and white dots,

Below which, sets cinnimon overall
white and black speckled appearance in a
series of rows.

Tom Larson — Collected

Selous' Spiny Mouse

Genus species - Acomys selousi

Subfam - Murinae

Family - Muridae

Superfam. Muroidea

SubOrder - MYOMORPHA

ORDER - RODENTIA

Example specimen, No. 1752 ♂, own specimen, 5 mi. W. Luangwa, N. Rhodesia,

Description

Head - Hair on nose, forehead, and top of head, a medium grey with bands of light orange. Cheek hairs orange, throat and underside white. Dorsal hairs softer and finer than the erectile hairs. Ears medium sized and grey with very fine hairs.

Body - Above a dull grey mixed with bands of light orange giving way to more orange on the sides. Hairs stiff and bristle like. Lower side and ventral portions are white with finer hairs. Dorsal bristles about ½ inch long.

Tail - About same length as body, greyish brown, finely haired, and with fine hairs.

Forefeet - 5 toes 1st one a mere vestige, with claws, feet white hairs, partly covering claws, toes short, claws short.

Hind feet - 5 clawed toes, feet white,

brown pads. Feet small and delicate
Mammae, 4

Acomys subspinosus

KM-6516 ♀, 15 July 1941, Citrusdal, C.P.
Geldenhuys, 87, 85, 17, 14,

Desc - medium brown bristly hairs above, sides fawny, below white, tail as long as body, feet white, tail light brown above, whitish below.

Acomys witherbyi

KM-3451 ♀, Feb 10, 1921, 6 Mi, W. 41st Fashon, Sudan, Lowe, 101, 90, 18, 17.

Desc - bristles quill like, brown above, pale light brown on sides, white below, tail thick, feet white.

Personal Notes

Collected = below Spiny mouse at Tsumkwe, Northern Rhodesia. Caught them in fair numbers in and around the large ant hills of that country. The skin is extremely delicate and hard to skin without tearing. They are found in the same habitat with Lemniscomys, Otomys, Praomys, Mastomys, Aethomys, and other common rodents of the same area.

arson

Collected

Long-Tailed Mouse

Genus species - Grammomys dolichurus

Subfamily - Murinae

Family - Muridae

Suborder - MYOMORPHA

Order - RODENTIA

Example specimen 160607, ♂, Nico Smith Farm, 20 mi. W. Port Elizabeth, Cape Province, S. Afr. 291-179-25, Aug. 13, 1948.

Description

Head - grey above, base of ears a pale buffish colored davis, ears large and oval with short brownish hairs, throat and chin white.

Body - greyish and brownish hairs with slaty bases, ventrally white, fur soft.

Tail - much longer than body, brown short hairs, hairs thicker and longer toward tip.

Forefeet - legs shorter than hind legs, 4 toes with claws & at toe a vestige only, pad white, pads light.

Hindfeet - 5 toes with claws, pads brownish, hair on feet a light whitish buff.

Collected

Grammomys surdaster

Example Specimen – Tom Lawson, 1804 ♂, ♂ Dec. 7, 1948, 5 mi. W. Luonshya, N. Rhodesia, 279-162-24.

Body on rump and middle back reddish brown, generally more ruffous or reddish brown above than G. dolichurus.

Grammomys (H)

KM-12028 ♂, 30 July 1946, Nchisis Mt. C.W. Nyasaland, 4500', Shortridge,

Same as G-surdaster except tail longer, feet and body larger.

Grammomys (B)

KM-11989 ♀, 31 May 1946, Izimba Plateau, Nyasaland, Shortridge, 5000'

HB-100, TI-154, HF-22.5, Ear 18.5

Like G-surdaster only smaller with less pronounced reddish brown color.

Praomys tullbergi delectorum

KM-11958, ♀, 29 June 1946, Mlaize Plateau, Nyasaland, Shortridge, 5700-7000'

Very dark brown above, medium brown on sides, greyish brown below, feet with 5 toes, 1st being vestigial, no claw on front foot vestige, tail dark, thin, long with very short sparse hairs.

HB-103, TI-127, HF-24, Ear-21 topotype-

Striped rat

Collected

Rhabdomys pumilio

Subfam. – Murinae
Fam. – Muridae
Superfam – Muroidea
Suborder – MYOMORPHA
Order – RODENTIA

Example – KM-7189 ♀, 19 June ~~49~~ 51,
Citrusdal, C.P, Geldenhuys, 118, 107, 25, 14

Desc –
Head – a grizzly brownish straw color, white behind eyes, ears cinnamon, throat a whitish grey, nose with a faint stripe running up to top of head.
Body – 4 longitudinal brownish cinnamon stripes, 3 whitish grey stripes in between, sides a grizzled grey brown mixture, whitish grey below, a buff spot on chest.
Tail – as long as body, black on top, light brown below on basal half.
Feet – forefeet with 4 toes with claws, a fifth toe vestigial on inner side of foot, with a short claw, legs color of body.
Hindfeet – 5 toes with claws, 5th toe short, 3 middle toes largest.

Rhabdomys pumilio griquae

KM-5694 ♀, 20 May 1942, Commonage, Kimberly C.P., Arends, no measurements,
Desc – same as R.P. only sides with a rusty hue, feet cinnamon about, stripes closer together than R.P. lighter below, skin under legs buffish yellow

Collected

Rhabdomys pumilio moshesh

KM-11839 ♂, 4 Feb, 1946, Lady Grey, C.P. 5260'-7500' Shortridge 117-, 21.5, 13.
Desc - Stripes darker black than R.P. sides a grey brown, lighter below, cinnimon tinge above forelegs.

Rhabdomys pumilio nyasae

KM-12138 ♂, 9 July 1946, Mlanje Plateau, Nyasaland, 5700-7000', Shortridge, no measurement.
Desc - stripes very black, tail above black, below had cinnimon tinge.

Rhabdomys pumilio bechuanae

KM-7524 ♀, 18 Oct. 1923, Rooibank, Walvis Bay, S.W. Afr. 240', Shortridge, 121, 130, 27.5, 13.5
Desc - dark stripes a light brown with a cinnimon tinge, body generally a light sandy brown color, light whitish below, tail and face lighter.

Rhabdomys angolae

KM-13461 ♂ 10.8.27, Munhango, Angola, 4900', Noroff, no measurements,
Desc - stripes very black and close together, body a grizzled dark color, hairs black some straw colored, below black on anterior half, posterior more straw color.

Rhabdomys p. cinereus

~~Kerivoula lanosa~~

KM - 7375 ♀, 14 Nov 1936, Ezelfontein, W. Leliefontein, Namaqualand, 4500', Shortridge, 132, 107, 26, 16.

Desc - dark stripes narrow, close together, commixed dark brown, light stripes whitish brown, body on sides a light grizzly grey brown, below whitish grey or brownish, tail light above and below.

Rhabdomys p. intermedius

KM - 8888 ♂, 20 Nov. 1945, W. Crodock, C.P, Trends, 121, 117, 25, 16.

Desc - stripes dark brown to black, to outer light stripes sandy white grey, sides grizzly brown, whitish below.

Rhabdomys p. chakae

KM - 572607, 16 Aug 1933, Port St. Johns Dist, W. Pondoland, Swinny, 500', 122, 112, 21, 13.

Desc - black stripes, narrow light stripes, black spot on top of ear, ~~dark~~ rump, tail black above, grizzly white below.

Larson

Collected

Namaqualand Rock Mouse

Genus species - Aethomys namaquensis

Subfam - Murinae

Fam - Muridae

Super fam - Muroidea

Suborder - MYOMORPHA

Order - RODENTIA

Example specimen - 23710♂, Tom Larson, July 22, 1949, Springbok, Namaqualand, 265-149-27

Description

Head - a mottled fawny grey brown, darker streak extending from nose to top of head more fawny buff color below and behind eyes. Whiskers lighter toward tip, chin and throat white. Ears medium brown, ovate, short buffish red hairs inside ear and outside.

Body - fawny grey brown, hair base slaty, tips fawny brown giving a stippled mottled appearance, greyish white below.

Tail - longer than body, ringed with scales, short dark hairs at base of each scale, light hairs on under side.

Forefeet - 4 short delicate toes with very fine short claws, pads light brown, white hair above and on wrist area. Feet short. Vestige of a 5th toe (No 1.)

Hind feet - 5 toes with Claws, 5th toe shortest, 3 middle ones longest, feet white above, pads medium brown.

Aetomys n. klaverensis

KM 5564, 5 Dec 1937 ♀, Kliphuis 11 mi.
N.E. Clanwilliam C.P., 2500-3000 ft. Shortridge
HB-132, TI-170, HF 28, Ear 21.5

Tail longer than Ainomaquensis. Hair above a darker ~~reddish~~ brown. Very close resemblence.

Collected

Aetomys n. monticularis

KM-5205, ♂, 18 sept. 1938, Johannesburg, Trans.
HB-5¼" (Tom Larson, 1669, ♀, Glodysvale
Farm, 20 mi. NNE. Krugersdorp, Trans.
254-138-26.

Larger than Aetomys n. tail about same length, a darker rusty brown color same color below, feet larger. Cheeks a rusty buff or brown. Great variation in color. Could also be a darker brown.

Collected

Aetomys chrysophilis (subsp)

KM-10946, ♀, 17 Aug. 1945, Nylstroom, Trans,
P. J. Goldenhuys, HB-137, TI-151, HF. 26, Ear 18.

Great variation in color, a medium brown to orange, much larger than aetomys n. tail stouter, body stouter. Feet larger and stouter

Collected

Aetomys n. grahami

KM. 14757, ♀, Orinway Foom, Albany Dist. C.P.
Alt. 2200-2280, Shortridge - Mrcoulay

Tail much longer than Aetomys n. Slightly

Larson

Collected

Aetomys n. grahami (cont.)
larger in the body, Hair darker brown.

Aetomys wolambii

1745 ♂, Tom Larson, Dec. 1, 1948, Luonshya, N. Rhodesia, 270-121-28

Body hair a dark rusty brown, a large Aetomys, tail black; feet quite large and strong, below a dirty grey with white hair tips.

Collected

Aetomys chrysophilis imago

+641 KM. 5121, ♀, 16 Sept. 1935, Gobabis, S.W. Africa. 4650', Shortridge.

Tail as long as body, hair a buffish red or reddish fawn, larger than Aetomys n.

Aetomys n. colarius

KM. 5366, ♂, 26 Sept. 25, Gobabis, S.W. Africa, 4650', Shortridge, HB-124, T1-153, Hf. 29, Ear 18.5.

Very much like Aetomys n. only tail longer, and more hairy, slightly darker brown, whiter below

Collected

Aetomys n. lechela

KM 9571 ♀, Wunderwork Farm, Kuruman, C.P.
HB-116, T1-171, Hf. 25, Ear-18
a little more fawny-brown than Aetomys n, same size, whiter below.

Aethomys n. centralis

KM-11289, ♀ 25 Nov. 1943, Municipal Farm, 4 mi. from Middelburg, C.P. Shortridge, alt. 4095'

Same as Aethomys n. except slightly darker brown, same size.

Aethomys n. siccatus

KM-5339, ♂ 11 Sept. 1927, Otjitombi, N. Kaokoveld, S.W. Afr. Alt. 710, Shortridge, HB-118 TI-190, Hf-26, Ear-18.5

Tail 1½ times length of body, very long and thin, whiter below than Aethomys n. Dorsal fur about same as A. n.

Aethomys n. drakensbergi

KM 11253 ♂, 28 Jan, 1946, Lady Grey, C.P. Alt. 5260-7500', Shortridge, HB-136, TI 182 Hf 28.5, Ear 19.

Tail longer than body, body large for Aethomys, more rusty brown than Aethomys n.

Praomys namaquensis siccatus

KM 5348 ♀, 7 Sept 1924, Curene Falls, N.W. Ovamboland, 3350', Shortridge, HB-124, TI-170, Hf-26.5, Ear 18.5

Tail 1½ times length of body, white below, brownish orange above, very closely related to Aethomys.

Lorson

Rattus (Praomys) namaquensis

KM 5232, ♂, 14 Nov. 1922, Near Upington, South Bank of Orange river, 2600', Shortridge.
HB-105, TI-142, HF-24, Ear 17.5.
Tail longer than body, body shorter than Aethomys N., fur same color, whiter below, closely related to.

Aethomys (3) (B) unclassified as yet

No. 12061, ♀, 31 May 1946, Zomba plateau, Nyasaland, Shortridge, Alt. 5000',
HB-151, TI 140, HF-28.5, Ear-21
Fur above a dark brown, cheeks light brown, below whitish grey, tail dark brown, body stout.

Aethomys (3) (E) species unclassified

KM 12086 ♂, 4 July 1946, Libabula, Mt of Mlanje Mt. Nyasaland, Shortridge 2500-3000'. HB-117, TI-139, HF 28, Ear-19.5.
Same size as Aethomys N. only a dark brown

Many varieties of Aethomys from Nyasaland Expedition still un-named or identified in King Williamstown Museum.

Larson

Collected

Pouched Mouse

Genus species - Saccostomus campestris
Sub fam - Murinae
Family - Muridae
Suborder - MYOMORPHA
Order - RODENTIA

Example specimen - 1603 ♀, own, Nico Smith Farm, 20 mi. W. Port Elizabeth, Cape Prov. S. Afr. 170-47-29, Aug. 12, 1948

Description
Head - soft grey hairs above, some dark grey with fine hairs, cheeks and throat white, hairs shorter than above. Large cheek pouches.
Body - above grey, slaty grey at base of hairs, lower sides and ventrally white.
Tail - short, only about ½ of total length, yellowish with sparse, short brown hairs.
Forefeet - forelegs very short, 5 toes 4 with claws, 1st vestigal toe with a short nail or claw, feet white, pads light.
Hindfeet - legs longer than forelegs, 5 toes with claws, pads light, feet whitish.
Mammae -

Saccostomus anderssoni

KM - 3888 ♂, 14 May 1929, Num Koub, Grootfontein Dist. S.W. Afr. 1250m, Shortridge

128-53-20-18.5

Desc. - buffy grey above, white on sides and below, feet whitish grey, tail 1/3 length of body, tail greyish white.

(Collected)

Saccostomys anderssoni "pagei"

KM - 12541 ♀, 19 Feb 1946, Tsau, Ngamiland, P. Geldenhuys, 112-48-17-18

Desc - darker grey above, a slate grey, below white, feet white, tail slaty grey above, light below at base, grey at tip.

Saccostomus hildae

KM - 3829 ♂, 23 Dec. 1936, Goodhouse (Orange River), Little Namaqualand, 650', Shortridge, 116-48-19-17

Desc - grey above, slaty, below white, feet white, tail yellowish.

Lorson

Collected

Giant Rat

Genus species - Cricetomys gambianus victor

Sub fam. - Murinae

Fam. - Muridae

Super fam. - Muroidea

Suborder - MYOMORPHA

Order - RODENTIA

Example specimen, 1982 ♂, Tom Lawson, Jan. 7, 1949, 5 mi. W. Luonshya, N. Rhodesia. skeleton saved, feet 2½".

Description -

Head - Long coarse whiskers up to 4½". Hair dark grey, cheeks more brownish white throat hairs short, nose black, ears brown, short hairs inside, longer dark hairs outside ear.

Body - Coarse dark grey hairs, streaked with brown, slaty grey bases. Below a greyish white

Tail - almost as long as body, basal half of tail black, tip half white, hairs short and coarse.

Hind feet - 5 toes with claws, pads dark brown, dark grey hairs above, whitish hairs just above claws.

Fore feet - 4 toes with claws, 5th toe (No. 1) vestigial and clawless. Hair grey above, lighter grey below.

Personal Notes

Collected this species at Lusaka's N. Rhodesia from the swamps North of town. These large rats are quite gentle and docile when observed and make no attempt to bite or defend themselves.

Tom Larson

Collected

Genus species - Rattus r. alexandrinus

Subfam. Murinae

Family - Muridae

Superfam - Muroidea

Suborder - MYOMORPHA

ORDER - ~~RHOI~~ RODENTIA

Example specimen - KWT Mus. 9182, 1930 ♀

Dr. P.W. Laider, East London, C.P., no measurements.

Description

Head - medium grey above, cheeks whitish grey, white below, whiskers long and dark. Ears oval, quite long, dark brown, short fine hairs.

Body - brownish above, whitish grey on sides, white below. Hair rather coarse. Light grey base. Skin light.

Tail - longer than body, like a rat-tailed file, very short coarse hairs on tail.

Hindfeet - 5 toes, claws light brown, 5th toe shortest. Whitish brown hairs above, pads brownish.

Forefeet - 4 toes, ~~5th~~ 1st toe vestigial, hair grey above, pads brownish. claws very short.

arson

Rattus r. frugivorus

EX - KM-14732 ♀, 8 Oct. 1948, Orinway Farm, Albany Dist. C.P. 2200-2800', Shortridge - 153-187-35-23

Desc - dark greyish brown above, sides grey, white below, tail as long as body.

Rattus r. rattus

EX. KM-5875 ♀, 22 July 1939, East London, C. P. Dr. L. Fourie 144-178-30-24

Desc - light black above, grey below, tail as long as body.

Rattus rattus

EX. KM. 12157 ♂, 22 Aug. 1946, Kasungu, C.W. Nyasaland, 3420', Shortridge, 131-159-37-19.5

Rattus ~~coucha microdon~~ Norvegicus

EX. KM. 45680 ♂, 1930, East London, C.P. Dr. Laidlev, no measurements.

Mottled brownish grey above, whitish grey below. tail 3/4 length of body with short dark hairs. (albino specimens occur)

Tom Larson

Collected

Multimammate Rat

Genus species - Mastomys Concha

Subfamily - Murinae

Family - Muridae

Superfamily - Muroidea

SubOrder - MYOMORPHA

Order - RODENTIA

Example specimen - (T.L.) Gladysvale Farm, Krugersdorp, Trans. S. Africa, ♀, No a.

Description - Great variation, a dark grey-brown from tip of nose to tail, sides a lighter brownish grey, below a fawny light grey. Light spots at each mammae, whiskers very fine and dark, ears with very fine hairs and short (hardly visable). ears brown.

Tail - shorter than body, and ringed, very short hairs on tail hardly visable. brown in color.

Forefeet - 4 toes with claws, foot small and delicate.

Hindfoot - 5 toes with claws, 1st and 5th toe very small, 3 middle toes same length, light pads, white short hair on foot above.

Mammae - 14, range from up to 20 - all along body.

Tom Larson

Collected

Genus species - Mastomys Natalensis
Subfamily - Murinae
Family - Muridae
Suborder - MYOMORPHA
ORDER - RODENTIA

Example specimen - Port Elizabeth Museum, ♀ Walter, No. 1456/91, 8 Feb. 46, New Brighton, TL - 4.5", T 3.5", HL .8"

Description
Head - fawny brown, more greyish on head and nose, cheeks lighter fawn, Chin light whitish grey, ears fairly long, brown, fine very short hairs on ears, buff behind,
Body - above a fawny brown with a slight buff tinge, base of hairs slate grey, hair on rump fairly thick and long, sides a lighter fawny brown, below more slate grey and fur short and more sparse.
Tail - not as long as body, hairs very short, brown below, lighter below.
Hindfeet - 5 toes, 3rd middle toes long, 1st and 5th toe short, claws short and white, foot white above, pads brownish.
Forefeet - feet small, 4 toes, white above, pads light brown.

Larson

Mastomys Concha marikquensis

EX - KM-10986 ♀, 7 Aug. 1945, Nylstrom, Trans, Geldenhuys, 98, 104, 22, 15

Desc - grey brown above, grey below, tail as long as body.

Mastomys concha bradfield

EX - KM-6925 ♀, 18 June 1927, Kooka-Otavi, CKookoveld, S.W. Afr. 1370m, Shortridge, 115, 95, 21.5, 17

Desc - a light brownish grey, grey below, tail shorter than body.

Mastomys ?

EX. 6956, ♂, 29 May 1929, Ssanukanu Village, Grootfontein Dist, S.W. Africa, 1100m, Shortridge, 108, 96, 22, 18.

Desc - greyish brown above, pale grey below, tail almost length of body.

Myomys colonus

Ex. KM-5677 —, 1930, East London, C.P. D.r. Loidler, KM-7069 ♂, 23 Nov. 1943, King Williamstown, C.P. Arends, 98, 103, 21, 20.

Desc - dark greyish brown above, slate grey below, tail shorter than body, feet white.

Myomys colonus concha

KM-5647 ♀, 3 Feb 1938, Gonskuil, 4 mi. S. of Henning spruit, O.F.S. Geldenhuys.

111, 87, 20, 17.

Desc - dark slate grey above, slate grey below, tail shorter than body, feet white.

Collected

Mastomys c. microdon

Ex. KM-6771 ♂, 20 May 1938, Kazungula N. Rhodesia, 3030', 5 mi. W. Victoria Falls

131, 121, 25, 19.

Brown above, sides greyish fawn, below grey, tail ¾ length of body, feet white.

Tom Larson

Collected

Creek Rat

Genus species - Pelomys fallax (rhodesiae)
Subfamily - Murinae
Family - Muridae
Superfamily - Muroidea
Suborder - MYOMORPHA
Order - RODENTIA

Example specimen - K.W.T. Mus. Lancaster, No. 11051 ♂, 4000 'El. 9 Jan. 1946, Chilanga, N. Rhod.
Own specimen - Luanshya N. Rhodesia.

Description

Head - a grizzled appearance above, semi-stiff hairs, some completely black others grey with straw colored tips, Chin hairs a light ~~foamy~~ grey. Ears dark brown with rather reddish-brown hair tuft with black hairs in front of ear. Short hairs on ears reddish tipped.

Body - Same grizzled appearance as head with black and straw colored or slightly reddish brown tips. Below a light grey. Hair bases above a dark grey or black.

Tail - Nearly as long as body. Black above with short black hairs, and light grey below.

Forefeet - 1st and 5th toes vestigial & long middle toes normal. Faint trace of nail on 1st and 5th toe.

Personal Notes

I collected Pelomys at Lusaka, Northern Rhodesia in the swamps of that area, and also at Serowa, Bechuanaland. I have never found them in any but a marshy, grassy, area. Never have I been able to collect them in abundance. They are about during the day, as I caught one specimen about 4 o'clock in the afternoon. They share the same habitat with Praomys Shortridgei and Mastomys C. Meesteri.

Tom Larson

Creek Rat

legs have same hair coloration as back.
Hind feet - 5 toes all with normal claws,
1st and 5th toe much shorter than 3 middle toes.
Mammae - 8 (4 pect., 4 ing)

Pelomys fallax

KM-12187 ♂, 5 June 1946, Zomba Plateau
Nyasaland, Shortridge, 5000', 164, 150, 31, 19
Desc - Rump a common dark brown,
black stripe faintly visible down back.
Otherwise same as P.f. (r.)

Pelomys f. insignitus

KM-9600 ♂, Nov. 1944, Luombwa, R. Serenje
Dist, 4000', N. Rho. D.G. Lowcock,
no measurements, ~~go~~
Desc - grizzly black above, below lighter
whitish grey.

Tom Larson

Collected

Angola Water Rat

Genus species - Dasymys nudipes

Subfamily - Murinae

Family - Muridae

Superfamily - Muroidea

Suborder - MYOMORPHA

Order - RODENTIA

Example Specimen - KWT-Mus, Shortridge, ♀ 7 July 1938, Alt. 3330', Limalunga, Barotseland, N. Rhodesia. No. 6540, HB-150, TI-152, HF. 31·5, E-195. (Personally collected)

Description

Head - a dark brown, almost black, whiskers short, Cheeks and Chin and throat grey, hairs at base dark grey above. Ears round, quite large, light brown, dark-brown hairs inside ear but no hairs in center of ear. Outside ear almost bare except near margin.

Body - a dark brown with a light reddish tinge, below a dark grey. Hair soft and long, with a grey base. Skin light.

Tail - Not quite as long as body. Heavily scaled, black, short hairs very sparse, scales rounded.

Front feet - 4 visable toes with very short white claws, 1st toe is only vestigial, feet bare, light hair on feet.

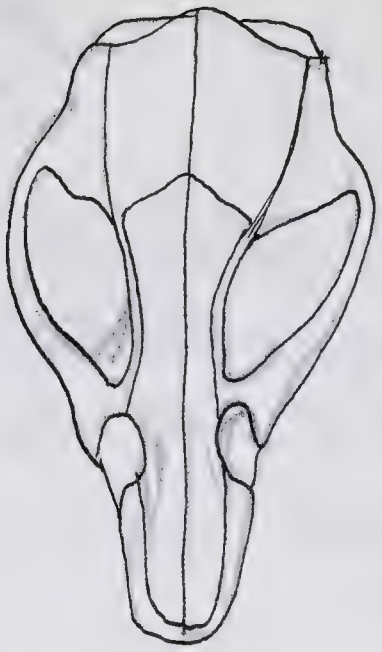
Tom Larson

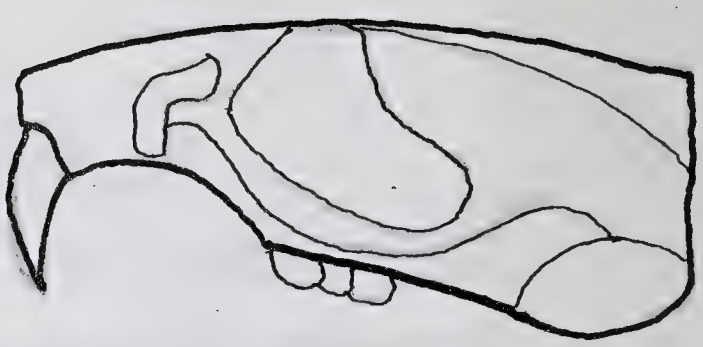
Angola Water Rat

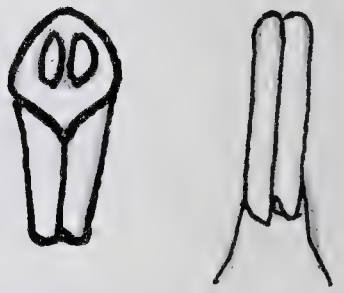
Hind feet - 5 toes - all with white claws, pale brown, feet with light hair.
Mammae - 6 (2 pect., 4 ing).

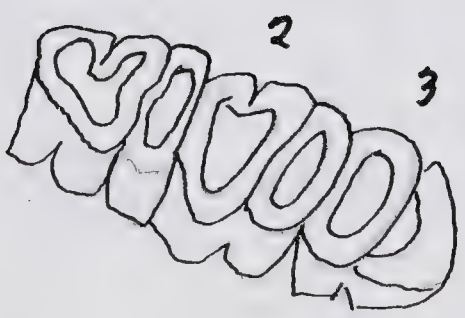
Personal Notes

The only place I ever collected this species was at Fwambo, Northern Rhodesia. The habitat was the swampy, bulrush dambos so common in the upper plateau country. I only caught several specimens so I took them to be quite scarce or fairly hard to catch.

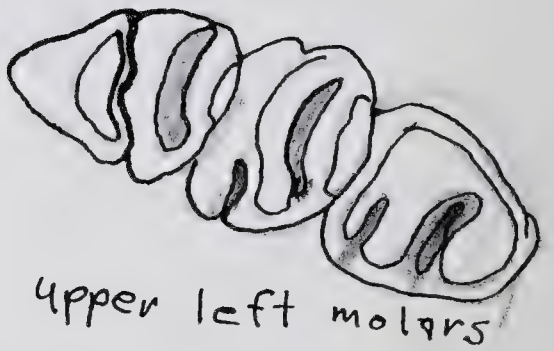








Lower right molars



Upper left molars

Tom Larson

Collected

Dwarf Mouse

Genus Species - Leggada minutoides

Subfamily - Murinae

Family - Muridae

Superfam - Muroidea

Suborder - MYOMORPHA

ORDER - RODENTIA

Example Specimen - 1860 ♀, own specimen, 5 mi. W. Luanshya, N. Rhodesia.

Description

Head - above greyish with light short bands of buffish brown, cheeks and throat with white hairs, ears large, grey with fine hairs.

Body - greyish above intermingled with buffish brown, sides more buffish, base of hairs grey. White ventrally.

Tail - about as long as body, fine hairs and greyish.

Forefeet - minute, 4 toes with claws, 5th toe very minute (a vestage - no claw), feet white.

Hindfeet - 5 toes with claws, 1st toes very small, feet white.

Mammae - 8-10,

Embryo - 5 usually.

Leggada ?

KM-11913 ♂, 7 June 1946, Zomba Plateau, Nyasaland, 5000', Shortridge, 67, 47, 16.5, 12

Desc - dark brown above, tail almost black, greyish white below,

Leggada ?

KM-11902 ♀, 30 May 1946, Zomba Plateau, Nyasaland, 5000', Shortridge 93, 55, 16.5, 13.

Desc - dark brown above, largest of the dwarf mice, sides more grey brown, slightly rusty on rump, below greyish white, tail brown.

Dwarf Mouse

Genus species - Leggoda minutoides
Subfam - Murinae
Fam - Muridae
Superfam - Muroidea
Suborder - MYOMORPHA
Order - RODENTIA

Ex. spec. - KM- 3156 ♀, 14 May 1938, Redelinghuis, C.P, Goldenhuys, 6, 5, 51, 15, 11.

Desc -
Light brown above, ears brown, tail light brown, almost length of body, sides fawn color, white below, feet very small, feet white above, front feet 4 toes above with tiny claws, a fifth toe (no.1.) vestigial, hindfeet - 5 toes with claws, 1st shorter than others.

Leggoda deserti

KM - 12527 ♀, 11 Jan. 45, Gomare, Ngamiland, (Map. ref. 19.22 AC), Goldenhuys, 61, 48, 12, 10.

Desc - fawnish light brown above, white below, tail light brown,

Leggoda deserti volschensis

KM-12524 ♂, 1 June 46, 2 mi. N. of Ondadaerust S.F.S., Goldenhuys, no meas.
Desc - a medium brownish fawn, sides lighter, white below, tail medium brown above.

Collected

Leggada bella induta

KM-3214 ♂, 31 July 1927, Tshimbaka, Cuene River, N. Kaokoveld, S.W. Afr. 670m, Shortridge, 55,40,13,10.

Desc - a pale sandy fawn above, sides yellowish fawn, white below, tail light fawn.

Leggada ?

KM-3341 ♀ (Leggada), Baloudle, Barotseland, N. Rho. 3330', 70,43,14,13, mammae 8, (4 ing - 4 pect.)

Desc - grey fawn above, sides and face above light yellowish fawn, white on lower face, below extending up on flanks and rump, tail light fawn.

Leggada m. umbrata

KM-3188 ♂, 5 Sept. 23, Port St. Johns Dist, W. Pondoland, H.H. Swinny, 58, 54, 14. T.5,

Desc - dark brown above, sides fawn, white below, feet greyish, tail brown.

Leggada bella marica

KM-3247 ♂, 3330', 26, Aug. 1938, Baloudle, Barotseland, 60,43,13,10.5.

Desc - medium brownish fawn above, sides lighter fawn, whitish below, tail light brown.

Larson

Collected

Spring hare

Genus species - Pedetes cafer

Family - Pedetidae

Superfamily - Anomaluroidea

Suborder - SCIUROMORPHA

Order - RODENTIA

~~Example~~ - Description

Head - a buff brown color, whiskers long, eyes very large, ears about ½ or less length of a true hares, whitish below.

Body - a buffish brown above, hair bases grey, buffish tipped, a white band extending up sides of flanks from abdomen, below white.

Tail - very long length of body, same color except tip is black with long hairs.

Front feet - legs short, 5 toes and claws, claws long and curved for digging, a pronounced heel.

Hind feet - legs very long for jumping, 4 toes with digging spade-like claws, 3rd toe longest, foot long.

Ex. Specimen -

KM-12508 ♀, 22 July 1947, Fort Beaufort
C.P., A.C. Donion, 450-380-144-77

Tom Larson

Collected

Bles Mole

Genus species - Georychus Capensis (Conescens)

Family - Bathyergidae

Superfamily - Bathyergoidea

Sub Order - HYSTRICOMORPHA

Order - RODENTIA

Example specimen - Port Elizabeth Mus. No. 1428/22 ♀ Lendsdown, Golfcourse, H-1 3/4" neck-1", Body 5 1/2, F. leg-2 1/4, H. Leg 2 1/4, 29 June, 1940

Description

Head - Nose brown, a white area above nose which forms a # reverse ^ above comes down around nose and under chin and neck. Spot of white around each eye, black on cheeks extending to forehead, a white spot on top of head a white spot around small ear hole, back of head a dark brown.

Body - a rich fawny brown at tips, slaty grey underneath, fur very fine and soft. belly side a light grey - hair shorter,

Tail - short and bulky, with white hairs - about 1/2" long.

Forefeet - 5 toes with claws, 1st toe short, 2nd toe longest, 3rd toe next, etc - toes powerful for digging. Sparce white toes on foot, brown fade below.

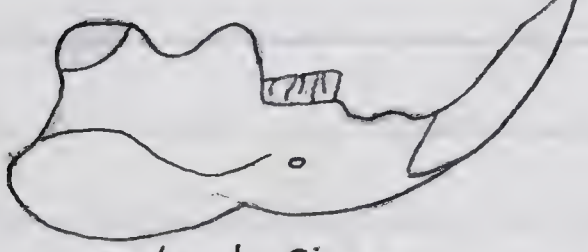
Tom Larson

Bles Mole

Hindfeet - 5 toes with shovel-like claws 5th toe short, others strong. Middle toe longest. A margin of longer hairs along outer edge of foot.

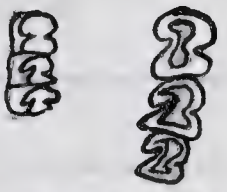
Dental formula $\frac{1}{1}\ \frac{0}{0}\ \frac{0}{0}\ \frac{3}{3}$

Right Mandible

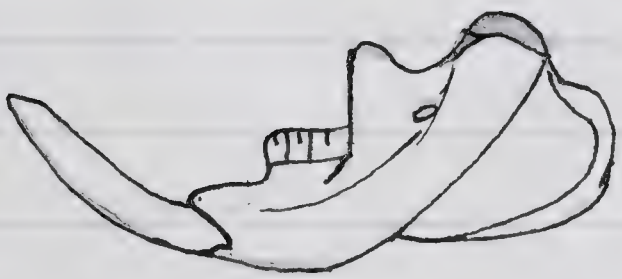


Actual Size

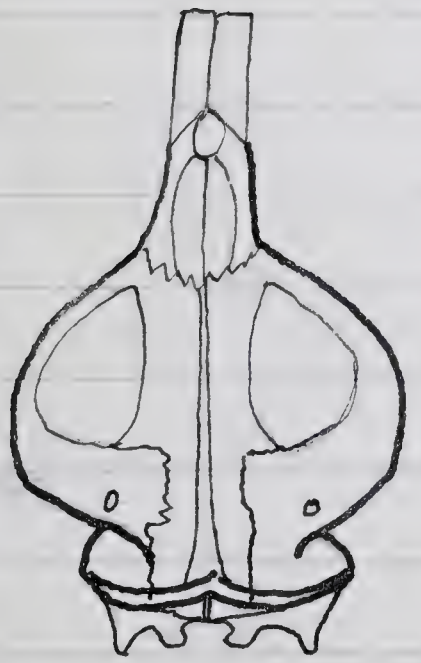
lower incisor

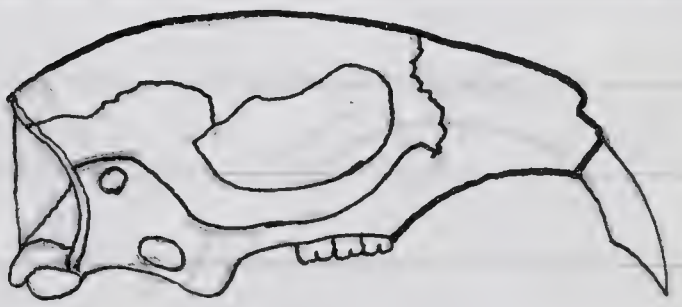


Lower molars



upper right molars





Larson

Georychus capensis (Blesmole)

EX- KM-7631, 31 May 1938, Citrusdal, C.P. Geldenhuys, 185-22-31--,

Description - like G. C. canescens, marking very much the same, possibly G- capensis not as dark black on head, and body a duller brown above. Differences no doubt, in the skull.

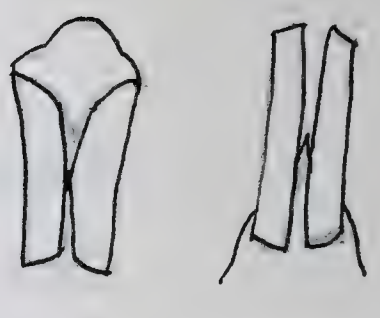
Tom Larson

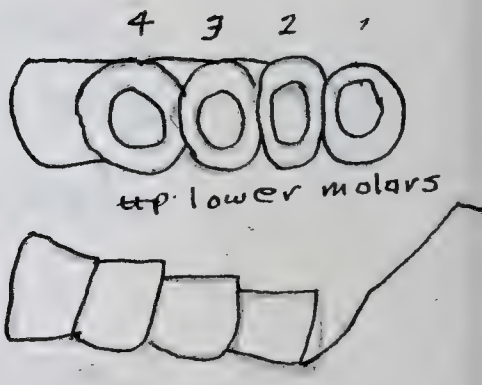
N. Rhodesian Molerat

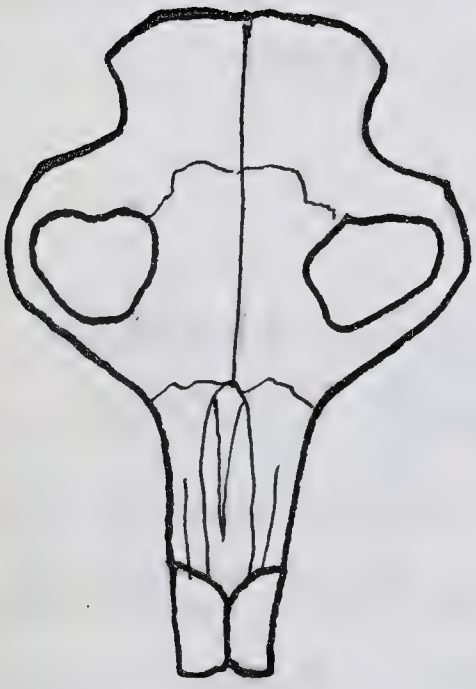
Genus species - Cryptomys lugardi
Family - Bathyergidae
Superfamily - Bathyergoidea
Sub Order - ? HYSTRICOMORPHA
Order - RODENTIA

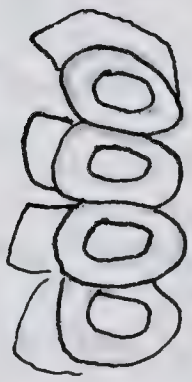
Example Specimen - KWT-Mus. Shortridge, Carter, 3 Aug. 1938, ♂ No. 8273, Alt. 3330', Limalunga, Barotseland. H-B-150, T1-20, Hf. 27

Description -
Head - ~~has~~ a dark sooty grey, a white patch on top of head, slightly light brownish around mouth, eyes minute, ears minute but visable about 1/8" across, short light whiskers
Body - dark sooty grey above and below. Hair short but very soft.
Tail - short and bulb-like, hair extending out beyond tail.
Fore feet - 5 toes with short claws, foot strong for digging. 1st toe short, 2nd and 3rd toe long and strong 4th and 5th toe shorter. Light sparse hair on toes, palms light brown.
Hind feet - 5 toes with claws, nails hollowed like little shovels or scoops, 3 middle toes long and powerful, 2 outer toes shorter. Short, sparse light hairs on foot, sole bare and brown.

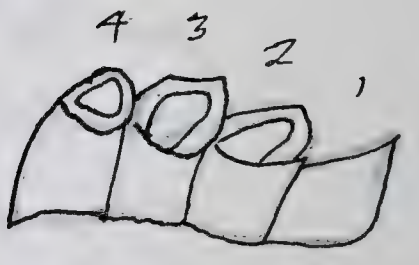








upper left molars



inside left upper molars

Larson

(Collected)

Cryptomys damarensis lugardi

EX - KM-8139 ♀, 10 April 1929, Kono Uley, S.W. Africa, Grootfontein dist. 1400 m, Shortridge 120-22-23, —,

Des - Black with white blotch on top of head. Similar to C. lugardi.

Cryptomys ? (Barotseland)

EX - KM-8200 ♀, 29 Sept. 1938, Balovale, Barotseland, 3330', Shortridge, 152, 18, 25.5, —,

Description - a brownish grey above and below, white spot on head, foot pads brown,

Cryptomys Cradockensis

EX. KM-9000 ♂, 20 Apr. 1945, Quaggas Kerk, Tarkastad, C.P., N.P. Arends 152, 18, 23, —,

Description - a grey with brownish tinge on head and rump, Slate grey below.

Cryptomys hottentotus talpoides

EX. KM-7720 ♂, 26 June 1937, Port Elizabeth, golf course, C.P., Pringle, 6", 3/4", —, —,

Description - same as C. Cradockensis

Cryptomys hottentotus occlusus

KM - 9814 ♂, 18 June 1944, 3000',
Chipeonbele S. Usumbri, Game Reserve,
Mporokobo Dist. N. Rho., no measurements.
Desc - Sooty grey above, grey below.

Cryptomys "Urybur gensis"

KM - 7691 ♂, 16 Sept. 1937, Modder River, C.P.
Mrs. E. Z. Harris, 143-27-24,—,
Desc - a pale sooty grey, pale grey sides,
light grey below.

Cryptomys hottentotus

KM - 7795 ♂, 11 Nov. 1937, Newmondtville
C.P. 2500-3000', Shortridge, 115-21-21.5,—,
Desc - a medium brown above, slate grey on sides
and below.

Tom Larson

Collected

Namaqualand Sand Mole

Genus species - Bathyergus janetta

Family - Bathyergidae

Superfamily - Bathyergoidea

HYSTRICOMORPHA?

ORDER - RODENTIA

Example specimen - KWT Mus. 9729, Dec. 1937

Heever, Port Nolloth, C. P. No recorded measurements.

Description

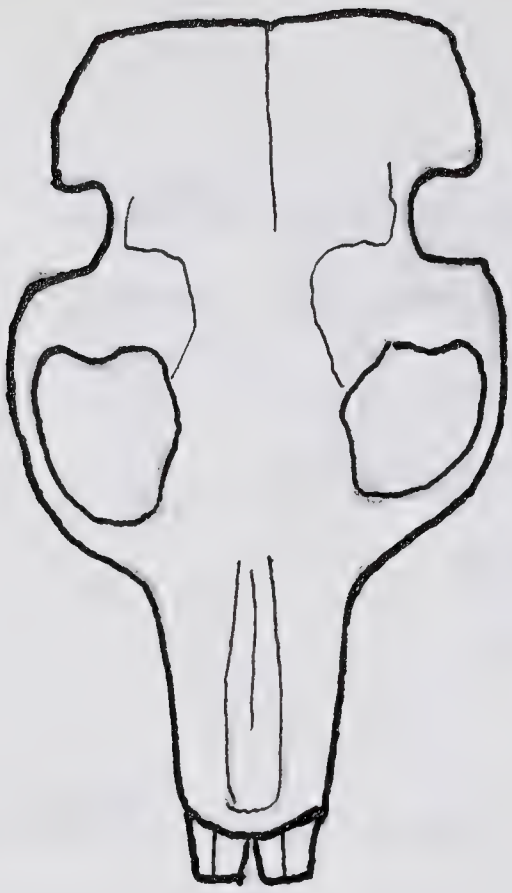
Head - above a metalic grey brown, eyes and ears centegial, whitish brown around nose, whiskers fine, short, and light. whitish chin.

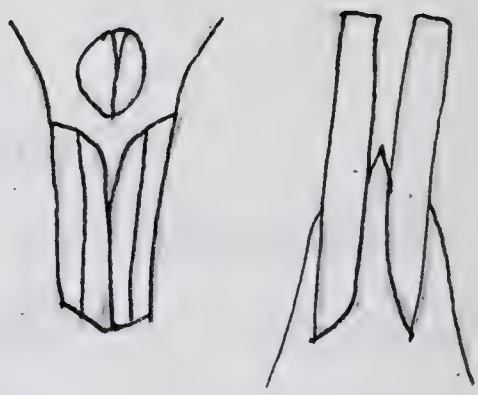
Body - Slaty grey brown above, fur quite short, very soft, sides more light grey, below a darker grey, often white patches will occur below.

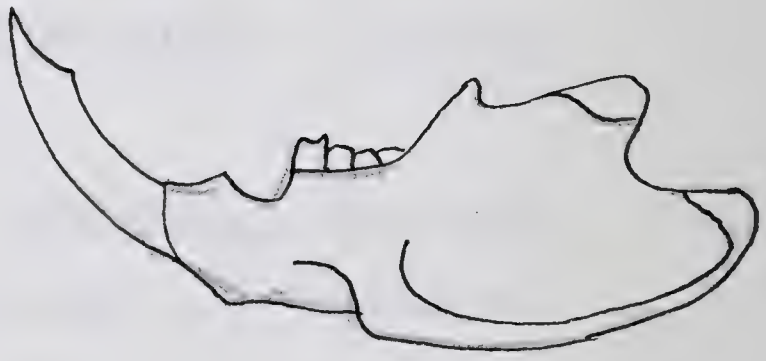
Tail - about 1" long, white strong bristle like hairs on tail for traveling thru dirt.

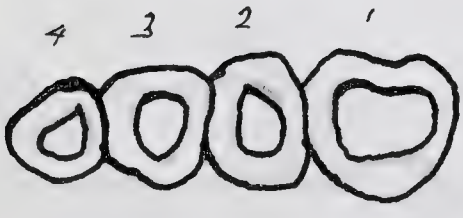
Hindfeet - 5 toes, 1st toe shortest, feet light brown, bristle-like short hairs around foot margin and toes, each toe with a digging nail, pads light.

Forefoot - 5 toes, 1st toe shortest, claws long, especially on 2nd, 3rd, and 4th toes, bristles around margins of foot and toes, pads light, hair light above.

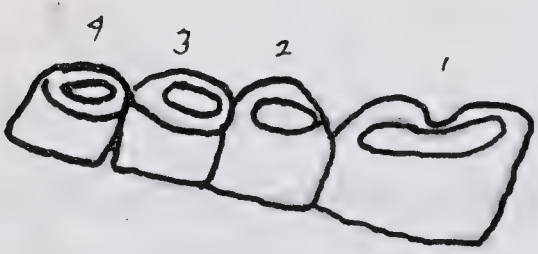


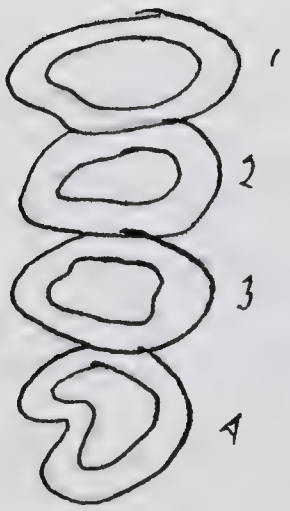






lower molars





upper right

Tom Larson

Collected

Sand Mole

Genus species - Bathyergus suillus

Family - Bathyergidae

Superfamily - Bathyergoidea

Suborder - HYSTRICOMORPHA

Order - RODENTIA

Example Specimen - KMus - Van Zyl, Apr. 1939, No. 3139, Compagnies Drift, Lamberts Bay, N.W.C.P. (large - over 1' long)

Description

Head - light greyish-brown, slate grey hair bases, whiskers fair long and white, fur soft throughout, irregular white spot on top of head. Eyes and ears very small. Ears not protruding.

Body - a soft shiny light brownish grey, sides and belly grey.

Tail - short bulb-like with white bristly hairs above and below.

Forefeet - 4 toes with strong sharp digging claws. Claws whitish, pads brown, bristly white-short hairs along edge of toes and on foot.

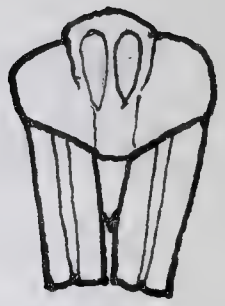
Hindfeet - 5 toes very long, nails white typical like human finger nails. Pads brownish, white short bristles on side of toes.

Mammae - 6

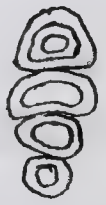
Dental formula - $\frac{1}{1}\ \frac{0}{0}\ \frac{0}{0}\ \frac{4}{4}$

Actual size

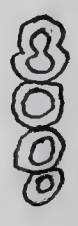
lower incisor



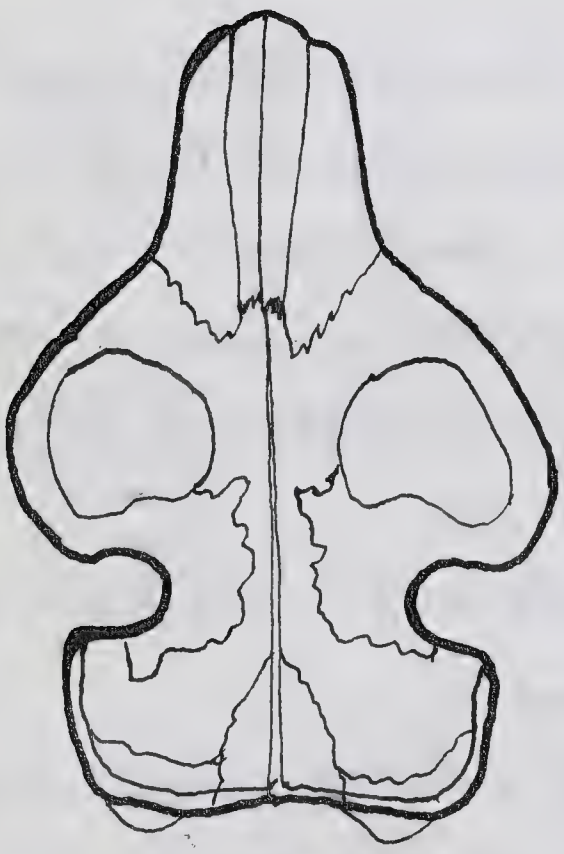
upper incisors

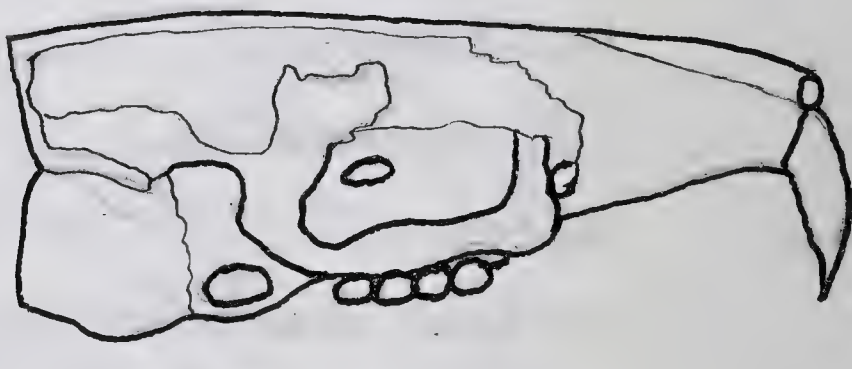


upper molars



lower molars





Personal Notes. I have collected dead moles in the Cape Flats area in Cape Town. They are abundant in all sandy vacant lots and fields where they cast up large mole hills. Their tunnels are over six inches in diameter or more. Some fields are honeycombed with their tunnels. I trapped them with small steel traps set in the tunnels.

Tom Larson

Collected

Dassie Rat

Genus species - Petromys typicus
Family - Petromyidae
Super Family - Octodontoidea
Sub order - HYSTRICOMORPHA
Order - RODENTIA

Example Specimen - G.C. Shortridge, KWT. Mus. ♀ No.1107, Alt 650', Goodhouse, Orange River, Namaqualand, H-B-182, TI-112 (stunted), Hf-37, Ear-14, (Personnaly collected)

Description

Head - Nose rusty-buff color, whiskers long and black, hair on top and sides of head brownish grey, lighter toward lips, chin yellow hairs with grey bases, skin light.
Body - shoulders greyish-brown with yellowish-brown tips, back and flanks a rusty reddish color with brownish grey bases. more brownish below. Hair long and very soft. Skin extremely delicate. Almost falls apart when skinning.
Tail - Reddish brown hairs at base, black hairs on top, below black hairs reddish brown tipped but not to extremity which has black hairs, hair over one quarter inch long.
Forefeet - 4 toes, 5th toe vestigial, claws on 4 toes, hair on toes and in-between toes, reddish

Personal Notes

The Damara Rat I have collected at Garos, Namaqualand, and Springbok Namaqualand. They are difficult to trap as they prefer their natural food to any bait. Rocky ledges, cliffs and boulders are their favored habitat. They run themselves on the rocks and feed on succulent vegetation.

The Damara Rat seems to have certain ledges where they leave their dung. The nests are made of grass and sticks built under rocks. During the day they are about. At noon day they usually cover from the hot sun. When they move, the move fast, giving one little time for a shot. They are extremely clever creatures. Often they get caught between crevices in rocks while trying to escape. Their tails have a tendency to break off easily. About half the specimens I've seen had their tails broken off giving them the appearance of small lizards. Their skin is delicate and falls apart when you try to skin them.

Tom Larson

Dassie Rat

grey hairs on foot and foreleg, lighter grey brown below. Pads black.

Hindfeet - 5 toes with claws, pads black, greyish reddish-yellow-brown Coarse hairs on feet and between toes, hairs protruding out beyond claws.

Mammae - 6 (lateral arrangement)

Petromys cunialis

KM-9607 ♀, 14 June 1937, Ombombo, Cen. Kaokoveld, S.W. Afr. 1400 m, Shortridge, 200, 168-36-15.5,

Desc - above a streaked light brown, hairs ringed with light and dark brown, light brown tipped, tail almost as long as body with long hairs extending out, chin yellowish brown, paler brown below, pads black, toes dark brown.

Larson

Collected

Angola Cone Rat

Genus species - Thryonomys swinderianus (angolae)
Family - Thryonomyidae
Superfam. - Octodontoidea
Suborder - HYSTRICOMORPHA
Order - RODENTIA

Example specimen - KM-9989 ♂, 15 July 1939, Mbambi (Okovango) S.W. Africa, Grootfontein - Caprivi border. 1070 m (Approx) Shortridge, HB 505 - 195 - 91 - 31

Description

Head - Blunt, ears small, ovate, bristle coarse, bristles brown, straw colored tips, chin dirty white, throat brown.
Body - bristles coarse, brown, straw tipped, below light whitish brown.
Tail - short stubby, thick, short brownish bristles, basal tail bristles coarse, long.
Front feet - 4 toes and claws, 4th toe short with short nail, other claws long and strong, pads brown.
Hind feet - 4 toes with claws, toe no 4, short with short claw, other claws long thick, and strong, pads dark brown.

(over)

Larson

Thryonomys swinderianus (Cone Rat)

KM-99670 ♂ 4 Aug. 1927, Pirie, near King Williams Town, Haynes, HB-550, T1-150, HF-110, Ear-27.

Same as T. 5. angolae only larger, tail slightly shorter, feet larger.

arson

Collected

Hystrix africae australis (Porcupine)

Genus species - Hystrix africae australis

Subfam - Hystricinae

Family - Hystricidae

Superfam - Hystricoidea

Suborder - HYSTRICOMORPHA

Order - RODENTIA

Ex. specimen - KM-10,014 ♂, 14 Nov. 1925, Sandfontein, S.W. Africa, 4100', Shortridge, HB-770, TI-133, HF-100, Eov-46.

Description -

Head - Blunt, long coarse black whiskers, brown head with coarse hairs, long up to 12" or so, white at tip part, ears small ovate, eyes small

Body - shoulders with dark brown barbles quills, white at bases, posterior part of back with long quills banded white and dark brown, white tipped, quills extending from rump hollowed and open at end, attached by a thin stem, these rattle when they walk, below quills black and short, white red around anus.

Fore feet - 4 toes with coarse short stumpy claws, a vestigial claw on side of ft but no toe, pads dark, bottom quills feet and legs dark.

Tail - not visable under quills, a blunt short extension full of rattling quills.

Hind feet - 5 toes with claws, pads black, claws light colored, quills dark,

Larson

Collected

Cape Hare

Genus species - Lepus capensis centralis
Subfam - Leporinae
Fam - Leporidae
Order - LAGOMORPHA
Cohort - GLIRES

Example Specimen, KM-11500 ♀, 15 Dec. 45, Deelfontein (Karoo), C. P., Shortridge, 4466, AB-495, TL-110, HF 113, Ear-122.

Head, fawny brown with black, hairs ringed with light brown, black light tipped, ears black tipped, light brown below, ~~light~~ fawn above, ruffous behind ears, chin light ruffous.
Body - mottled black fawny brown, hairs ringed light grey, black, whitish fawn, black tipped, below ruffous on sides, midline white, throat brownish ruffous.
Tail - Black above, white below and on sides.
Fore feet and legs - 5 toes with claws, 1st toe medial and upon side of foot, hair on pads greyish white, legs below ruffous, above same.
Hind feet and legs - 4 toes with large claws, pads hair whitish grey (dirty white) legs pale ruffous, white below down to foot.

Collected.

Lepus capensis mandatus

Example specimen, KM 10.464 ♀, 3 Sept. "23"
Bersebo, S.W. Africa, Shortridge, 3067'
HB-450, TI-108, HF 103, Eor 115

Ears reddish brown tipped, white along inner margin, mottled brownish, much lighter and paler than Lepus Saxatilis, below white, throat rufous, front legs as well as rear rufous, foot pads rufous.

Lepus Capensis "vernayi"

Example Specimen - KM-10476, ♀, 2/3/1932,
Edenville, O.F.S., N.B. Chivers, HB-435
TI-90, Hf-94, Eor-108,
Ear tips black, white in mid belly, light rufous and lower sides, above a mottled brownish black Hind ft long and thin, brownish rufous, light rufous above, front foot pads dark rusty brown, above light rufous.

Collected

Lepus capensis "ermeloensis"

Example specimen - KM-10466 ♂, 27/11/3,
Ermelo, Transvaal, Chivers, HB-438, TI-80,
HF-112, Eor-108.
Ears black tipped, body above mottled brownish rufous, streaked with black, sides less dark, throat rufous brown, chin light rufous, white below, sides light rufous, tail short white below, black stripe above legs thin and rufous, pads dark reddish brown.

Larson

River Hare

Genus species - Bunolagus monticularis

Subfam - Leporinae

Family - Leporidae

Order - LAGAMORPHA

Cohort - GLIRES

Example Specimen - KM-13010 ♀, 28 Oct. 1947, Gonna Farm (Rhenoster River), 54 mi. E. Calvinia C.P., 3600', Shortridge, HB-445, TI-95, HF-108, Ear 120.

Description

Head - a dark greyish brown, light brown ring around eye, a black line extending from mouth up along cheek, chin light (whitish yellow), throat greyish brown, ears grey ruffous behind ears.

Body - dark mottled greyish brown, hairs ringed with light slate grey, fawn, black, whitish-yellow, black tipped. belly and below a light ruffous.

Tail - greyish brown, very fluffy and soft fur,

Hind feet and legs - 4 toes with claws, fur a ruffous brown, fur up on inside leg a light ruffous.

Fore feet and legs - 4 toes with claws, probably 5th one very vestigial, fur ruffous brown.

Larson

Collected

Mountain Hare

Genus species - Lepus saxatilis "chiveroi"
Subfam - Leporinae
Fam - Leporidae
Order - LAGOMORPHA
Cohort - GLIRES

Example specimen - KM 10563 ♂, 8 sept. 37, Tygerfontein, Vet. River 25 mi. S. of Bothaville E.O.R. O. F. S. N.B. Chivers, HB-455, TI-92, HF103, 123

Description

Head - white streaks around eye and in front of eye, head hairs tinged with grey, black, buff tipped, ~~sides~~ cheeks more buffish, fawny buff or rufous behind ears, eyes dark brown, light brown behind, Chin white,

Body - mottled brown, belly white, ~~throat~~ light brown patch on throat.

Tail - Black stripe ~~dorsally~~, white below and on sides.

Front feet and legs - 5 toes with long claws, 5th claw and toe well upon side of foot, pads with whitish hair, brown hair on legs above, below whitish brown.

Hind feet and legs - 4 toes with claws, hair on pads yellowish grey or white, ventral leg hair white, dorsal light brown or fawn, hairs on foot extending beyond claws.

~~(Collected)~~

Lepus 'saxatilis "ngamiensis"

Example specimen - KM 10546 ♂, 22 Apr. 1939, Karakuwisa, S.W. Africa, Grootfontein Dist. 1350 m, Shortridge. HB-510, TI-94, HF 112, Ear 110.

Head darker brown than Lepus sax. chiversi. Back showing black tipped hairs, especially on middle back, rump grey, sides d. fawny grey, white below, tail same, throat patch more greyish.

Lepus saxatilis

Example specimen; KM 13498 ♀, 6 May 1948, Fort Beaufort, C.P., A.C. Ionion, HB-580, TI-110, HF-140, Ear-133.

Very large, hair bases whitish grey, then black, white, black tipped. Overall color brownish grey, buff behind ears, legs greyish, white below, tail quite long, throat greyish white, chin whitish.

Larson

Lepus saxatilis aurantu

Example specimens - KM-10565 ♀, 18 Nov. 1972, Louisvale, near Uppington, South bank Orange River. 2600', Shortridge.
Ears black tipped, ears grey, ruffous behind ears, greyish around eyes, chin whitish, on top of head brownish grey, ears very long. Body a mottled ruffous brown, black & beaks white flanks, white on rear legs, white belly throat brownish grey, foot pads ruffous brown.

Lepus saxatilis suborufus

Example specimen - KM-10558, ♀, 22/8/32, Junction Crocidile and Lalala Rivers, N. Transvaal, Chivers, HB-490, TI-85, HE103, Ear 100,

Ears brown tipped, ears brown, light fringe head brown, light grey nose, chin white, throat brownish, belly white, back mottled black, brown, sides mottled grey, foot pads ruffous,

Larson

RED ROCK HARE "sundersive"

Genus species - Pronolagus Crassicoudatus
Subfam - Paleolaginae
Fam - Leporidae
~~Subfam - Leporinae~~
Order - LAGAMORPHA
Cohort - GLIRES

Example specimen, KM-14859 ♂,
9 Dec. 1948, Orinway Farm, Albany Dist.
C.P., Shortridge, 2200'-2800'
HB-370, TI-82, HF 80, Ear 83

Description
Head - ears short and grey, dark ruffous behind ears, head dark brown, grey from eyes down over cheeks, chin light grey, throat greyish brown.
Body - Back dark brown, hair ringed with light grey base, black, white, dark tipped, sides lighter brown, slightly ruffous, below light ruffous,
Tail - short and reddish ruffous, very fluffy.
Front feet and legs - 5 toes with claws, 1st vestigial and up on side of foot, pad hair dark grey, ruffous hair on legs.
Hind feet and legs - 4 toes with claws pad hair dark grey, leg hair ruffous.

(over)

Pronolagus rudd i Kriegol

Example specimen, KM 10447, ♂, 5 May 1932
Fort Murray, King Williamstown, C.P.
HB. 500, T1-40, HF-101, Ear 80
not Darker than Pronolagus C. mottled black and grey on back, head very much alike, darker throat, hair longer and coarser, tail same, feet larger.

Pronolagus randensis

EX. KM-10401 ♀, 25 July 1930, Johannesburg, Transvaal, Shortridge, 530-110-100-85
Description - top of head ruffous brown, ears and rest of head greyish, chin white. Back ruffous mixed with dark brown, hairs ringed buffish, brown tipped, underhairs ruffous, ruffous below, tail dark ruffous brown to black, base of tail reddish ruffous, legs ruffous.

Pronolagus Crassicaudatus

EX. KM-14856 ♀, 25 Nov. 1918, 11 mi. S. of Middelpost, Cape Province. 3700'-4000'
Shortridge-Macaulay, 325-70-73-82
Description - Brownish grey head or dark grey throat also grey and chin, behind ears ruffous, Body grey above, below grey with ruffous or buff streaks, tail bright ruffous with a little black at end of tail, feet slightly ruffous.

grson

Collected

Pronolagus crassicaudatus melanurus

EX- KM-10415 ♂, 23 Oct. 1936, Komiesberg (Witwater Plateau, W. Cape Prov.), 3500', Shortridge, 440-96-84-98,

Description - Head and ears grey, mixed with black and brown from nose to top of head, chin a bit of white with buff, throat ruffous brown, ruffous behind ears, back a beautiful mottled dark brown, greyish brown, and ruffous toward rump, a ring or semicircle of black around shoulders in a narrow band, below a pale ruffous, tail black and fluffy, legs ruffous, pads brown.

Pronolagus Crassicaudatus 'nyikae'

EX- KM-11561 ♂, 10 July 1946, Mlonje Plateau, Nyasaland, 5700-7000', Shortridge, 440-80-81-70

Des- Grey brownish head, sides grey, ears very short and grey, chin whitish grey, throat brownish, back underhairs fluffy grey base buffy tipped, guard hairs ringed brown, white, then black tipped, overall color dark brown speckled with whitish, tail bright ruffous, whitish buff below, legs or feet to ruffous white.

Personal Notes

I collected numerous specimens of Pronolagus C melanurus at Silverkloof Reserve in Little Namaqualand. They beautiful and delicate hares live in the rocks and boulders that cover the land. Early in the morning and late afternoon they can be seen sitting on a ledge in the sun. At these times they can be approached. At any other time in the day they lay up in rock shelters or in succulent foliage in the rocks and koppies. If you come across one, you will see them for a moment, then they are away in a flash over boulders and ledges and to cover. It's almost impossible to shoot one during mid day as they are so alert and so well camouflaged. They have ledges where they have their young. They feed on succulent plants and grasses. Their meat is delicious and tender and has a taste of mountain plants like Wild asparagus.

Larson

Pronolagus crassicaudatus Curryi

EX - KM-11483 ♀, 31 Dec. 1945, Deelfontein (Karoo), C.P., 4460', Shortridge

420-90-76-83

Description - head grey brown on top, ears grey, cheeks grey, whitish chin, throat brownish buff, body above ruffous underhair, guard hairs ringed white, black tipped, over all appearance a greyish ruffous, below pale ruffous, tail long fluffy, bright ruffous, legs pale ruffous, feet greyish on pads.

Larson

Collected

Tree Dassie

Genus species - Dendrohyrax arboreus
Family - Procaviidae
Order - HYRACOIDEA

Example Specimen - 14,449 ♀, 26 Jan, 1949, Perie Forest, King Williams Town, C.P. F.W. Bürger, 490,—, 65, 36.

Description
Head - above a rusty brown, ears, cheeks a greyish brown (Grizzly), whitish grey below.
Body - greyish brown, a white Dassie spot, white below.
Feet - same as Rock Dassie in form.

Heterohyrax syriacus manninge

KM-
EX - 11559, ♀, 17 July 1946, Likoba, Ft. of Mlonge Mt, Nyasaland, 2500'-3000', Shortridge, 525,—, 72, 30.
Description, Blackish on top head, grey nose, cheeks brownish, light above eye, chin white, grey, Body dark brown, with a yellowish Dassie spot, below white, sides greyish brown, feet same.

Heterohyrax welwitschii

KM-10233, ♀, 8 Sept. 1924, Cunene Falls, N.W. Ovamboland, 3350', Shortridge. 485,—, 63, 30.
Description - hair more coarse and bristly, a mottled grizzly dark brown with yellow hair tips, brown base, lighter brown below, small yellow Dassie spot above.

orson

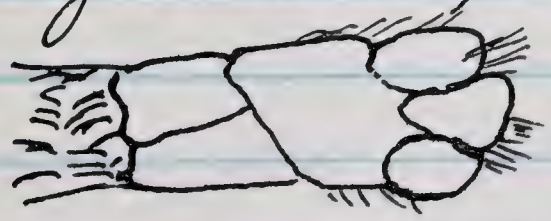
Collected

Rock Dossie

Genus species - Procavia capensis
Family - Procaviidae
Order - HYRACOIDEA

Example specimen - KM-10302, ♂, 8 Dec. 1937, Kliphuis 11 mi. N.E. Clanwilliam, C.P. 2500-3000', Shortridge.
HB-520 — HF-70, EOr-32

Description -
Head - dark brown, lighter below, chin whiskers black, ears short ovate, hair around neck lighter brown.
Body - long, dark brown on top, a black spot in middle of back called dorsal spot, sides lighter brown, fur quite soft and short, light brown below, scattered guard hairs long and black.
Tail - none.
Fore feet - pads dark brown, elephant like on bottom, 3 toes with nails but slop-only toward end, compact foot.



Hind feet - 3 toes more separated, 1st with a balled claw (black), other claws more like nails.

Larson

Dossie

Genus species - Procavia johnstoni johnstoni

Example specimen - KM- 11557 ♀,
8 July 1946, Mlonge Plateau, Nyasaland,
5700'-7000', Shortridge,
515, ——, 70, 32.

Description

Head - very dark rusty brown top and around eyes, lighter brown cheeks, neck, chin dark brown, throat light brown, body greyish brown dark dorsal spot below buffy brown, feet black, black around ears.

Aord Vark

Genus species - Orycteropus afer
Fam - Orycteropodidae
Order - TUBULIDENTATA

KM - Small specimen — 11535♂, 14 Dec 1945, Leelfontein (Karroo) C.P. 4460', Shortridge, 810, 435, 245, 160.

Desc - Head light brown, ears long, snout long, body hair about brown mixed with some dark brown, hair sparse and coarse, skin hog like, tail whitish brown, thick at base, whitish below - hair very sparse,
Forefeet - legs black hairs, 4 toes with powerful digging shovel-like claws, 3 middle front toes longer than others, pads light.
Hindfeet - legs with black hair, 5 toes with 5 shorter strong shovel like claws, claws light.

Tail
Elbow

Collected

Pangolin

Genus species - Smutsia temminckii

Fam - Manidae

Order - PHOLIDOTA

KM- 10.2020, 22 June 1929, Okavango - Omatako Junction, Grootfontein Dist, S.W. Africa, 1080m, Shortridge,

H B and Tail 775, HF - 57, ear opening 20,

Desc - small and tortoise-like, ovate brown scales from above nose above eyes to end of tail, head scales small getting progressively larger toward tail, scales above on feet, nose blackish, face and below brown skin with short sparce bristly fuzz. Forefeet with 5 fingers, 3 middle claws with long light brown curved claws, 2 outer claws shorter, hindfeet pad brown, 5 toes and 5 claws about 1/2" long, penis projecting about 1/2", tail almost length of body with large scales above and below, Scales overlapping shingle-like, eyes very small.

scale

body

scale

Personal Notes

Got two lovely specimens of Pangolins at Mokopola, Bechuanaland. One was a male, the other a female. The female had a well developed embryo which I saved. All these specimens were sent to the American Museum.

One, the male, was brought to me alive. So I could observe some of his habits. I took motion pictures of him for an interesting scientific record.

For protection the Pangolin curls up in a tight ball with his huge powerful armoured tail covering his head. It is impossible to open the defensive ball by hand. The animal tries to catch your foot or hand with his tail. He can give you a severe cut with his sharp plated tail. He will also swing his tail. He walks on his hind legs and can move along quite rapidly and efficiently like a prehistoric monkey in appearance. He also runs on all four legs. I have seen him shoot out his long retractile fly-catching tongue for food. He makes a sound as well. Their skins are very tough and tenacious of life. Their armor plating is thick and tough. Their under body is unprotected, except the ventral tail (c) also plated.

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